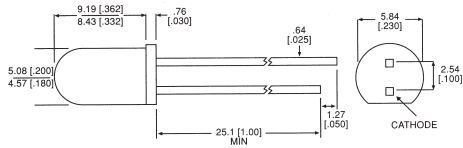
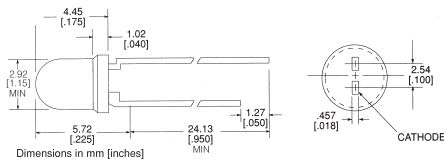


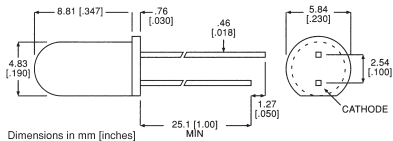
Dialight



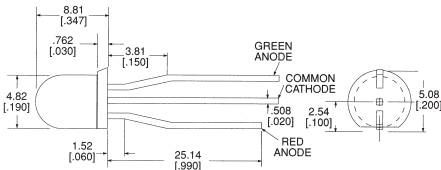
521-9183



521-9210, 9211, 9216

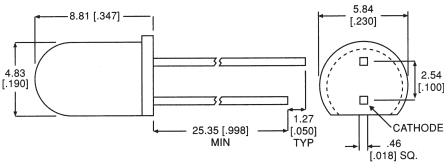


521-9246, 9248, 9250, 9240, 9251



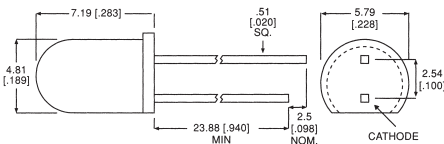
Dimensions in mm [inches]

521-9450

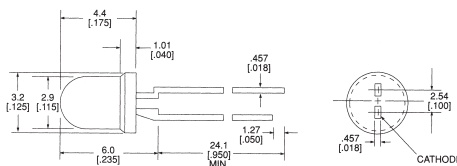


Dimensions in mm [inches]

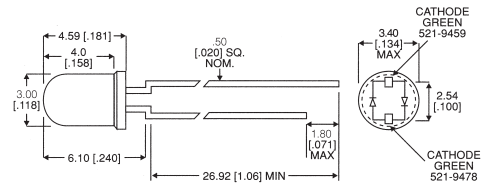
521-9464, 9465, 9466



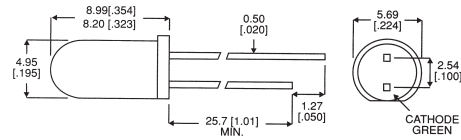
521-9173, 9673, 9672



521-9324, 9325, 9326



521-9459, 9478



521-9462

DIALIGHT SERIES 521 DIODE-LITE SOLID STATE LAMPS

High luminance light sources offer longer lamp life, lower current at low cost. For applications requiring direct mount through a panel. IC compatible; vibration and shock resistant; wide viewing angle. Solid state reliability. Leads are flexible enough for bending and rigid enough for direct mounting to a PC board.

Cat. No.	Colour	Rated Volts	Current mA	mcd	Net Price Each	
					1-99	100-Up
T-1-3/4 LOW PROFILE TINTED DIFFUSED						
521-9173	Green Diff.	2.1	20	3.6	\$.00	\$.00
T-1-3/4 BUILT-IN INTEGRAL CURRENT LIMIT RESISTOR						
521-9183F	Red Diff.	5	10	2.0	.89	.78
T-1 HIGH EFFICIENCY DIFFUSED						
521-9216F	Red Diff.	2.2	30	6.0	.64	.56
521-9210	Green Diff.	2.3	25	4.0	.64	.56
521-9211	Yellow Diff.	2.2	30	6.0	.64	.56
T-1-3/4 HIGH EFFICIENCY TINTED, DIFFUSED						
521-9240F	Red Diff.	2.0	25	2.2	.45	.39
521-9246F	Red Diff.	2.2	10	4.0	.67	.59
521-9248F	Yellow Diff.	2.2	10	4.0	.55	.48
521-9250F	Green Diff.	2.3	10	4.2	.67	.59
T-1-3/4 HIGH BRIGHTNESS TINTED, NON-DIFFUSED						
521-9247F	Red Non-Diff.	2.2	30	25	.55	.48
521-9249F	Yellow Non-Diff.	2.2	20	25	.67	.59
521-9251F	Green Non-Diff.	2.3	30	25	.67	.59
1-1-3/4 DISCRETE LED LOW CURRENT, 2mA TINTED, DIFFUSED						
521-9320F	Red	1.8	7	1.2	.89	.78
521-9321F	Yellow	1.9	7	1.2	.89	.78
521-9327F	Green	1.9	7	1.2	.89	.78
T-1 DISCRETE LOW CURRENT TINTED, DIFFUSED						
521-9324F	Red Diff.	1.7	2	1.0	.99	.87
521-9325F	Yellow Diff.	1.8	2	1.0	.99	.87
521-9326F	Green Diff.	1.9	2	1.0	.99	.87
T-1-3/4 HIGH EFFICIENCY BI-COLOUR 3 LEADED DIFFUSED						
521-9450F	Red/Green Diff.	2.1/2.3	10	2.1/4.2	1.60	1.40
T-1 DISCRETE HIGH EFFICIENCY BI-COLOUR DIFFUSED						
521-9459F	Red/Green	2.0/2.1	10	13.7	1.41	1.23
521-9478F	Yellow/Green	2.1/2.1	10	12.5	1.41	1.23
T-1-3/4 BI-COLOUR NON-TINTED, DIFFUSED						
521-9462F	Red/Green	1.75/2.0	45	6.0/4.0	1.41	1.23
T-1-3/4 SUPERBRIGHT, WATERCLEAR NON-TINTED, NON-DIFFUSED						
521-9464F	Red Non-Diff.	2.2	20	80	.49	.42
521-9465F	Green Non-Diff.	2.3	20	80	.99	.87
521-9466F	Yellow Non-Diff.	2.2	20	80	.99	.87
SNAP-IN MOUNTING HARDWARE FOR 521 SERIES REAR MOUNTED LEDs						
515-0004	Use with T-1-3/4 Standard Profile LEDs; K, O, etc.				.91	.71
515-0005	Use with T-1-3/4 Low Profile LEDs				.91	.71
515-0006	Use with T-1 LEDs, P, etc.				1.73	1.35

Cat. No.	Colour	V _F	mA	mcd	Dim. "A" in. (mm)	Net Price Each		
						1-99	100-499	500-Up

T-1-3/4 (5MM) HIGH EFFICIENCY LEADS

552-0211F	Red/Red	2.2	10.0	7.0	.173 (4,39)	\$1.25	\$1.09	\$.93
552-0221F	Grn/Grn	2.2	10.0	3.0/4.0		1.59	1.39	1.19
552-0222F	Grn/Grn	2.2	10.0	10		1.25	1.09	.93

T-1-3/4 (5MM) BICOLOUR, BILEVEL LEADS 552 SERIES

552-0711F	Red/Green Red/Green	1.75/2	10.0	14/6	.173 (4,39)	1.98	1.73	1.48
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T-1-3/4 (5MM) BILEVEL SUPER BRIGHT LEADS DIFFUSED 552 SERIES

552-0811F	Red/Red	2.1	20.0	34	.173	1.75	1.52	1.30
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T-1-3/4 (5MM) SUPER EFFICIENT LEADS, 2MA OPERATION

552-0911F	Red/Red	1.8	2.0	2.0	.173 (4,39)	1.40	1.22	1.04
552-0912F	Red/Grn	1.8	2.0	2.0/1.8		1.40	1.22	1.04
552-0921F	Grn/Red	1.8	2.0	1.8/2.0		1.40	1.22	1.04
552-0922F	Grn/Grn	1.8	2.0	1.8		1.40	1.22	1.04

T-1 (3MM) BILEVEL RIGHT ANGLE HIGH EFFICIENCY

553-0111F	Red/Red	2.0	10.0	10	.125 (3,175)	1.59	1.39	1.19
553-0112F	Red/Grn	2/2.1	20.0	1.6/2.6		1.59	1.39	1.19
553-0122F	Grn/Grn	2.1	10.0	16		1.59	1.39	1.19
553-0123F	Grn/Ylw	2.1/2.1	10.0	1.6/2.6		1.59	1.39	1.19

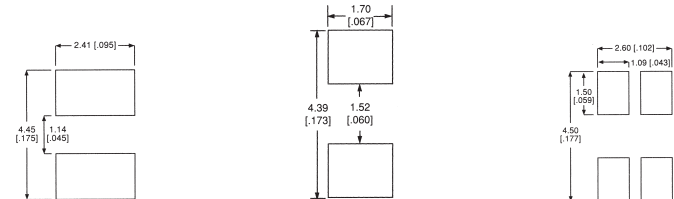
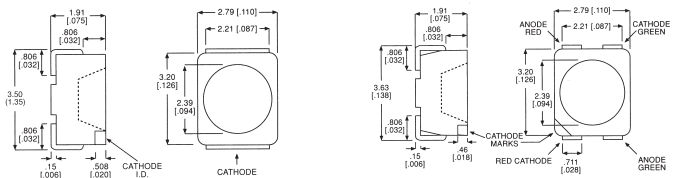
T-1 (3MM) BILEVEL RIGHT ANGLE (2MA) LOW CURRENT

553-0211F	Red/Red	1.7	2.0	1.6	.125 (3,175)	1.75	1.52	1.30
553-0221F	Grn/Red	1.9/1.7	2.0	1.6		1.46	1.27	1.09
553-0222F	Grn/Grn	1.9	2.0	1.6		1.75	1.52	1.30
553-0232F	Ylw/Grn	1.8/1.9	2.0	1.6/1.6		1.46	1.27	1.09

T-1 (3MM) BILEVEL RIGHT ANGLE (BUILT-IN INTEGRAL CURRENT LIMIT RESISTOR, 5V)

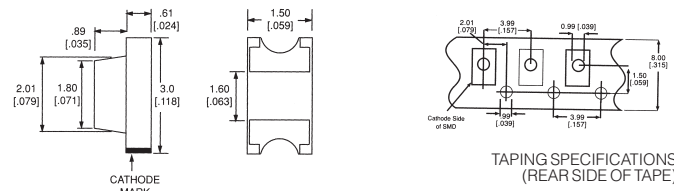
553-0323F	Grn/Ylw	5.0	12.0	8.0		1.87	1.63	1.40
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CODES: Ylw = Yellow; Grn = Green



597-3XX1-4XX

RECOMMENDED
SOLDER PAD
LAYOUT
597-7701-207



TAPING SPECIFICATIONS
(REAR SIDE OF TAPE)

DIALIGHT SURFACE MOUNT LEDS

FEATURES: Compatible with automatic placement equipment. Compatible with infrared reflow processes. Packaged on 8mm tape, 7" reels. (Meets EIA-481-1 standard.) Helps to eliminate mixed technology PC board processing. Compatible with Dialight's Optopipe™ Series light pipes.

Cat. No.	Colour	Rated Volts	Current mA	mcd	Net Price Each	
					1-99	100-Up

SURFACE MOUNT

597-3001-207F	Red	2.0	20	10		\$.58	\$.50
597-3121-207F	Red*	1.75	10	20		.70	.61
597-3301-207F	Green	2.0	10	14		.58	.50
597-3401-207F	Yellow	2.1	20	10		.58	.50

SURFACE MOUNT, BICOLOUR

597-7701-207F	Red/Green	2.0/2.1	20	40/40		.86	.75
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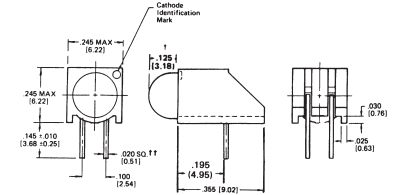
SURFACE MOUNT, 1206 TYPE PACKAGE

597-3111-407F	Red*	1.7	20	17		.48	.42
597-3311-407F	Green	2.1	20	7.5		.48	.42
597-3401-407F	Yellow	2.2	20	6.0		.36	.32

*High intensity AlGaAs.



550-0206-004



DIALIGHT SERIES 550 SOLID STATE LED

Ideal for indicator light, panel illumination, logic/state indicator, binary data display. Allows for high density packaging. Polarity identified. Designed for installation where a more rigid assembly is required.

Cat. No.	Colour	V _F	mA	mcd	Dim. A in. (mm)	Net Price Each		
						1-99	100-499	500-Up

5MM SINGLE TOP VIEW TYPE 04

550-0404F	Red	2.0	20	3.5	.130	\$1.11	\$.98	\$.83
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5MM SINGLE SQUARE BACK TYPE 05

550-0205F	Green	2.1	20	3.5	.130 (3,30)	.91	.80	.69
550-0305F	Yellow	2.1	20	3.5		.91	.80	.69
550-0405F	Red	2.1	20	3.5		.91	.80	.69

5MM SINGLE 3/4-LEAD BICOLOR TYPE C

550-3004F**	Red	1.8	20	90	.187 (4,75)	2.55	2.22	1.89
	Green	2.1	20	40				
550-3008F	Red	1.8	20	90	.180 (4,57)	2.66	2.34	1.99
	Green	2.1	20	40				

5MM SINGLE SLOPE BACK TYPE 07

550-0207F	Green	2.1	20	3.5	.130 (3,30)	.91	.80	.69
550-0307F	Yellow	2.1	20	3.5		.91	.80	.69
550-0407F	Red	2.0	20	3.5		.91	.80	.69

5MM SINGLE INTEGRAL RESISTOR FOR 5 VOLT OPERATION TYPE 05

550-0705F	Green	5.0	12	8.0	.187	1.27	1.11	.95
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5MM SINGLE INTEGRAL RESISTOR FOR 5 VOLT OPERATION TYPE 07

550-0507F	Red	5.0	13	2.0	.187 (3,30)	1.27	1.11	.95
550-0707F	Green	5.0	12	8.0		1.27	1.11	.95

5MM SINGLE LOW CURRENT (2mA) SINGLE SLOPE BACK TYPE 07

550-1107F	Red	1.8	2.0	2.0	.187 (4,75)	1.19	1.05	.90
550-1207F	Yellow	1.9	2.0	1.8		1.19	1.05	.90
550-1307F	Green	1.8	2.0	1.8		1.19	1.05	.90

5MM HIGH EFFICIENCY SINGLE SLOPE BACK TYPE 07

550-2207F	Green	2.1	10	10	.187 (4,75)	1.00	.87	.75
550-2407F	Red	2.2	10	7.0		1.00	.87	.75

5MM HIGH EFFICIENCY SINGLE SLOPE BACK TYPE 08

550-2408F	Red	2.2	10	7.0		1.16	1.01	.87
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5MM BI COLOUR HIGH EFFICIENCY SLOPE BACK TYPE 08

550-3008F*	Red	1.8	20	90	.180 (4,57)	2.66	2.34	1.99
	Green	2.1	20	40		2.32	2.04	1.74

5MM SUPER BRIGHT SINGLE TOP VIEW TYPE 04

550-5504F	Red	2.2	20	125	.187 (4,75)	1.52	1.32	1.13
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5MM SUPER BRIGHT SINGLE TOP VIEW TYPE 04

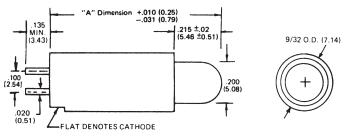
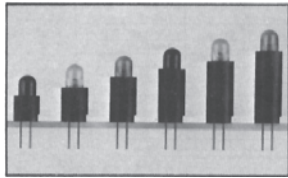
550-5604F	Green	2.1	20	120	.187 (4,75)	1.52	1.32	1.13
550-5704F	Yellow	2.2	20	140		1.52	1.32	1.13

5MM SUPER BRIGHT SINGLE SQUARE BACK TYPE 05

550-5105F	Red	2.1	20	34	.187	1.19	1.05	.90
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*3 Lead.

**Red Cathode.



() METRIC DIMENSION IN MM.

T-1-3/4 (5MM) VARIABLE HEIGHT LED 561 SERIES CIRCUIT BOARD INDICATORS

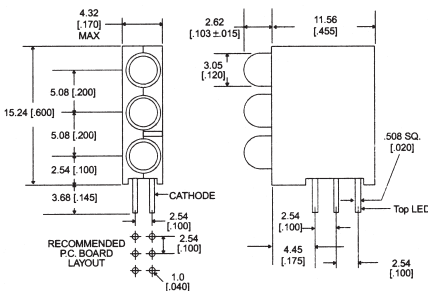
LED is firmly held by spacer, choice of six heights for mounting LED above P.C. board. Standard and high efficiency LEDs with wide and narrow viewing angles. Cathode is clearly identified on case. Ideal for back panel illumination, C.B. indicator or LED indicator.

Cat. No.	Colour	V _F	mA	mcd	Net Price Each	
					1-99	100-Up
T-1-3/4 (5MM) HEIGHT "A" 0.5" (12.70MM) CIRCUIT BOARD INDICATOR						
561-0104-050F	Red Diff.	5.0	10	8.0	\$.92	\$.81
561-1101-050F	Red Diff.	1.8	2	2.0	.86	.75
561-1301-050F	Green Diff.	1.8	2	1.8	.86	.75
561-2101-050F	Red Diff. (HE)	2.0	10	7.0	.79	.69
561-2201-050F	Green Diff. (HE)	2.0	10	3.2	.86	.75
561-2301-050F	Yellow Diff. (HE)	2.4	10	10.0	.79	.69
561-5101-050F	Red Diff. (SB)	2.1	20	34.0	.86	.75
561-5201-050F	Green Diff. (SB)	2.2	20	34.0	.86	.75
T-1-3/4 (5MM) HEIGHT "A" 0.7" (17.78MM) CIRCUIT BOARD INDICATOR						
561-1101-070F	Red Diff.	1.8	2	2.0	.86	.75
561-1201-070F	Yellow Diff.	1.9	2	1.8	.86	.75
561-1301-070F	Green Diff.	1.8	2	1.8	.86	.75
561-2201-070F	Green Diff. (HE)	2.0	20	10.0	.86	.75
561-5201-070F	Green Diff. (SB)	2.2	20	34.0	.86	.75
T-1-3/4 (5MM) HEIGHT "A" 0.8" (20.32MM) CIRCUIT BOARD INDICATOR						
561-1201-080F	Yellow Diff.	1.9	2	1.8	.86	.75
561-1301-080F	Green Diff.	1.8	2	1.8	.86	.75
561-2101-080F	Red Diff. (HE)	2.0	10	7.0	.79	.69
561-2201-080F	Green Diff. (HE)	2.4	20	10.0	.86	.75

NOTE: HE = High Efficiency; SB = Super Bright; Water. Clr. = Water Clear.



564-0100-111

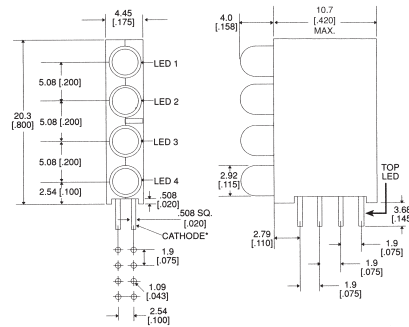


3MM TRIPLE STACKED CIRCUIT BOARD INDICATORS SERIES 564

Ideal for indicator light and logic/status indicators. Designed for high density packaging. Polarity identified. Standoffs facilitate board cleaning and washing by preventing flux entrapment.

Cat. No.	Colour	V _F	mA	mcd	Net Price Each		
					1-99	100-499	500-Up
3MM TRIPLE HIGH EFFICIENCY							
564-0100-132F	R*/Y/G	2.2	10	10.0	\$2.65	\$2.31	\$1.98
3MM TRIPLE LOW CURRENT (2MA)							
564-0200-132F	R*/Y/G	1.8	2	1.6	2.93	2.56	2.19
3MM TRIPLE INTEGRAL RESISTOR							
564-0300-132F	R*/Y/G	5.0	10	12.6	2.50	2.18	1.86

*TOP/MIDDLE/BOTTOM

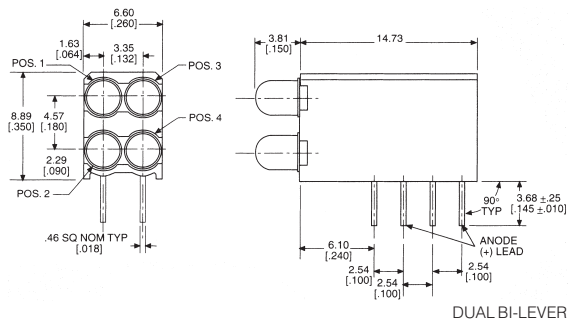


T-1 DIALIGHT CIRCUIT BOARD INDICATORS QUAD LEVEL

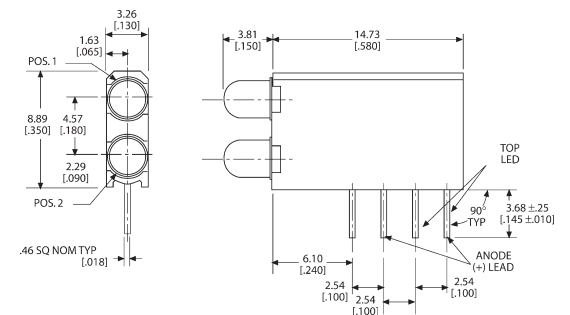
FEATURES: Quadlevel design conserves board space. Available with a variety of LEDs. Housing materials UL94 V-0 rated. Black case enhances contrast. Vibration and shock resistance. Housing assures proper LED alignment. Single PC board insertion—4 LEDs. Standoffs on housing facilitate PC board cleaning.

Cat. No.	Colour	V _F	mA	mcd	Net Price Each	
					1-99	100-Up
HIGH EFFICIENCY—LED TYPE 01						
568-0101-111F	R/R/R/R	2.1	10	10	\$3.27	\$2.86
568-0102-222F	G/G/G/G	2.1	10	12.6	3.27	2.86
568-0102-323F	G/Y/G/Y	2.1/2.1	10/10	8.5/10	3.27	2.86
568-0103-232F	Y/G/Y/G	2.2/2.3	10/10	10/12.6	3.27	2.86
568-0107-777F	O/O/O/O	2.2	10	7	3.27	2.86
LOW CURRENT, 2mA—LED TYPE 02						
568-0201-111F	R/R/R/R	1.7	2.0	1.6	3.65	3.18
568-0202-222F	G/G/G/G	1.8	2.0	1.6	3.65	3.18
568-0202-323F	G/Y/G/Y	1.8/1.9	2.0/2.0	1.6/1.6	3.65	3.18
568-0203-232F	Y/G/Y/G	1.9/1.8	2.0/2.0	1.6/1.6	7.12	6.22
INTEGRAL RESISTOR, 5V—LED TYPE 03						
568-0301-111F	R/R/R/R	5	10	29	3.90	3.40
568-0302-222F	G/G/G/G	5	12	19	3.90	3.40
568-0302-323F	G/Y/G/Y	5/5	16/10	19/12.6	7.61	6.64
568-0303-232F	Y/G/Y/G	5/5	10/10	19/12.6	7.61	6.64
BICOLOUR—LED TYPE 7						
568-0701-111F	R/G/R/G/R/G/R/G	2/2.1	10	4.7/10	4.87	4.25
568-0704-444F	Y/R/Y/GR/Y/GR/Y/GR	2.1	10	4.3/6.3	4.87	4.25

NOTE: Custom combinations available.



DUAL BI-LEVEL



NARROW BI-LEVEL

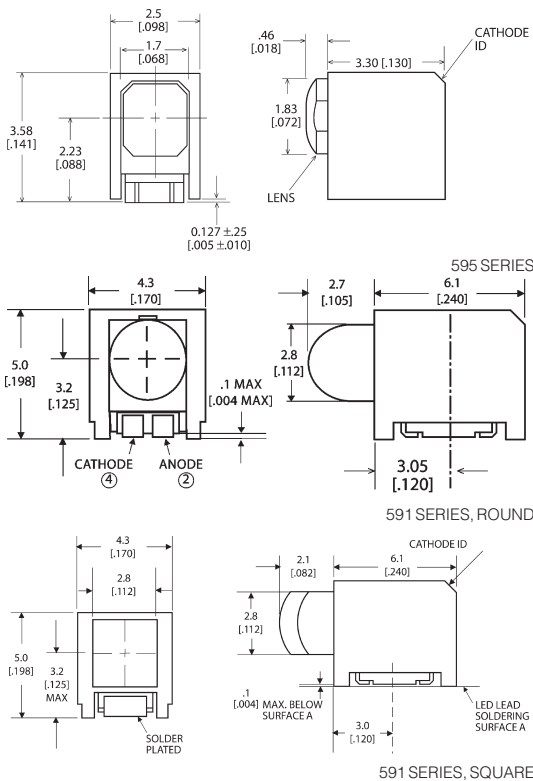
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DIALIGHT SERIES 659 HIGH DENSITY CIRCUIT BOARD INDICATORS

FEATURES: Designed to conserve board space. Black housing with UL94 V-0 rating. Vibration and shock resistant. Housing assures proper LED alignment. Single PC Board insertion. Standoffs on housing facilitate PC board cleaning. Typical operating characteristics ($T_A=25^\circ\text{C}$).

Cat. No.	Colour	V_F	mA	mcd	Net Price Each	
					1-99	100-Up
HIGH DENSITY DUAL BI-LEVER						
569-0101-111F	Red	2.0*	10	10	\$2.81	\$2.45
569-0102-222F	Green	2.1*	10	12.6	2.81	2.45
569-0103-333F	Yellow	2.1*	10	10	2.81	2.45
569-0107-777F	Orange	2.2	10	7.0	2.81	2.45
HIGH DENSITY NARROW BI-LEVER						
569-0111-100F	Red	2.0*	10	10	1.82	1.59
569-0112-200F	Green	2.1*	10	12.6	1.82	1.59
569-0113-300F	Yellow	2.1*	10	10	1.82	1.59
569-0117-700F	Orange	2.2	10	7.0	1.82	1.59

* $I_F=20\text{mA}$.

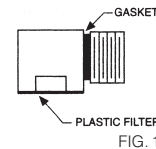


DIALIGHT PRISM CIRCUIT BOARD INDICATORS

FEATURES: Helps to eliminate mixed technology PC boards. Unique patented low part count design. Compatible with automatic placement equipment. Compatible with infrared and vapour phase solder processes. Packaged on 12mm tape, 7" or 13" reels per EIA-481-1. Black housing enhances contrast ratio. Housing material meets UL94V-0 flammability rating. 2 and 3mm LED sizes saves space. Uses LEDs designed specifically for surface mounting. Typical operating characteristics ($T_A=25^\circ\text{C}$).

Cat. No.	Colour	V_F	mA	mcd	Net Price Each	
					1-99	100-Up
SURFACE MOUNT LEDS, 2MM LENS, 20 PIECES ON TAPE						
595-2101-002F	AlGaAs Red	1.7	20	25	\$1.43	\$1.24
595-2201-002F	High Intensity Green	2.2	10	8.5	1.53	1.32
595-2301-002F	High Performance Green	2.1	20	11	1.43	1.24
595-2401-002F	High Performance Yellow	2.2	20	9	1.42	1.22
595-2701-002F	AllnGap Yellow	2.02	10	41	1.52	1.31

Cat. No.	Colour	V_F	mA	mcd	Net Price Each	
					1-99	100-Up
SURFACE MOUNT LEDS, 3MM ROUND LENS, 7" REEL, 400 PIECES PER REEL						
591-2001-007F	High Efficiency Red	2	10	4.5	1.23	1.06
591-2301-007F	High Performance Green	2	10	4.8	1.23	1.06
591-2401-007F	High Performance Yellow	2	10	5.7	1.23	1.06
SURFACE MOUNT LEDS, 3MM SQUARE LENS, 13" REEL, 1600 PIECES PER REEL						
591-2001-113F	High Efficiency Red	2	10	4.5	1.23	1.06
SURFACE MOUNT LEDS, 3MM SQUARE LENS, 20 PIECES ON TAPE						
591-2301-102F	High Performance Green	2	10	4.8	1.37	1.18
591-2401-102F	High Performance Yellow	2	10	5.7	1.37	1.18
SURFACE MOUNT LEDS, 3MM ROUND LENS, 7" REEL, 400 PIECES PER REEL						
591-2101-007F	AlGaAs Red	1.8	10	23.9	1.29	1.11
591-2201-007F	High Intensity Green	2.1	10	9.1	1.34	1.16
591-2701-007F	AllnGaP Yellow	2	10	3.6	1.34	1.16
SURFACE MOUNT LEDS, 3MM SQUARE LENS, 7" REEL, 400 PIECES PER REEL						
591-2101-107F	AlGaAs Red	1.8	10	23.9	1.29	1.11
591-2201-102F	High Intensity Green	2.1	10	9.1	1.48	1.28
591-2701-102F	AllnGaP Yellow	2	10	33.6	1.48	1.28
SURFACE MOUNT LEDS, 3MM ROUND LENS, 7" REEL, 400 PIECES PER REEL						
591-3001-007F	Super Red/Green Bi-Colour	2/2	20	6.5/8	2.29	1.98
591-3101-007F	Yellow/Green Bi-Colour	2/2	20	6.5/8	2.29	1.98
591-3201-007F	Super Red/Yellow Bi-Colour	2/2	20	6.5/6.5	2.29	1.98
SURFACE MOUNT LEDS, 3MM SQUARE LENS, 7" REEL, 400 PIECES PER REEL						
591-3001-107F	Super Red/Green Bi-Colour	4.5	20	5	2.29	1.98
591-3101-107F	Yellow/Green Bi-Colour	2.6	20	16	2.29	1.98
SURFACE MOUNT LEDS, 3MM SQUARE LENS, 20 PIECES ON TAPE						
591-3503-102F	Red/Blue/Green Tri-Colour	2.6	20	10	5.08	4.39



DIALIGHT 004 SERIES INCANDESCENT PANEL MOUNT INDICATORS FOR 15/32" MOUNTING HOLE, LIGHT SHIELD

Material and Finish: Base—black nickel plated brass. Cap: black nickel plated brass with high impact plastic lens.

BASE

Cat. No.	Voltage	Net Price Each	
		1-99	100-Up
004-1830-29-203	1.35-28	\$22.13	\$17.17
004-1930-29-203	1.35-28	13.90	10.79

CAP

Cat. No.	Voltage	Fig.	Net Price Each	
			1-99	100-Up
004-2900-200	No Lens	—	\$8.92	\$6.84
113-2931-203	Red	1	13.42	10.41
113-2937-203	Clear	1	22.84	17.72

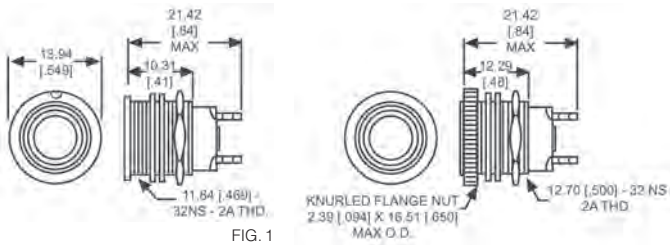


FIG. 1

FIG. 2

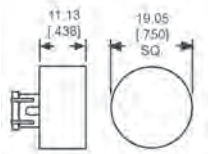


FIG. 9

DIALIGHT 183 SERIES PANEL MOUNT INDICATOR LIGHTS

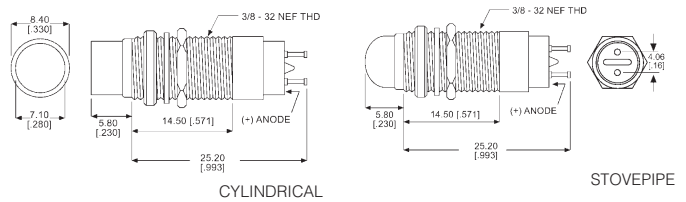
Material and Finish: Base: clear anodized aluminum. Bezel: heat resistant black plastic. Uses: T-1-3/4 midgem flange base and incandescent lamp.

BASE

Cat. No.	Fig.	Net Price Each	
		1-99	100-Up
183-9730-14-602	1	\$18.05	\$14.00
183-9830-14-604	2	37.01	28.71

CAP

Cat. No.	Colour	Fig.	Net Price Each	
			1-99	100-Up
3/4" ROUND				
188-1471	Red	9	\$5.92	\$4.59
188-1472	Green		10.46	8.12
188-1473	Yellow		10.46	8.12
188-1475	White		12.67	9.83



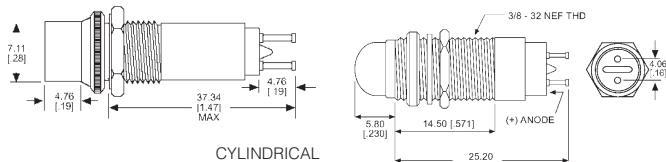
CYLINDRICAL

STOVEPIPE

DIALIGHT 249 SERIES LED PANEL MOUNT INDICATORS FOR 3/8" MOUNTING HOLE

Material and Finish: Housing, cartridge, and holder: black anodized aluminum. Cap: high impact plastic.

Cat. No.	Colour	V _f	mA	mcd	Net Price Each	
					1-99	100-Up
CYLINDRICAL						
249-7867-3331-504	Red	3.6	20	30	\$9.54	\$7.40
249-8067-3333-504	Yellow	3.6	20	40	11.18	8.67
249-7868-3331-504	Red	5	20	30	9.54	7.40
249-8068-3333-504	Yellow	5	20	40	9.54	7.40
249-7870-3331-504	Red	10	20	30	9.54	7.40
249-8070-3333-504	Yellow	10	20	40	11.18	8.67
249-7871-3331-504	Red	14	20	30	9.54	7.40
249-8071-3333-504	Yellow	14	20	40	10.01	7.77
249-7872-3331-504	Red	28	20	30	9.54	7.40
249-8072-3333-504	Yellow	28	20	40	9.54	7.40
STOVEPIPE						
249-7867-3731-504	Red	3.6	20	30	10.18	7.90
249-8067-3733-504	Yellow	3.6	20	40	11.18	8.67
249-7868-3731-504	Red	5	20	30	9.54	7.40
249-8068-3733-504	Yellow	5	20	40	10.18	7.90
249-7870-3731-504	Red	10	20	30	10.18	7.90
249-8070-3733-504	Yellow	10	20	40	11.18	8.67
249-7871-3731-504	Red	14	20	30	9.54	7.40
249-8071-3733-504	Yellow	14	20	40	11.18	8.67
249-7872-3731-504	Red	28	20	30	9.54	7.40
249-8072-3733-504	Yellow	28	20	40	9.54	7.40



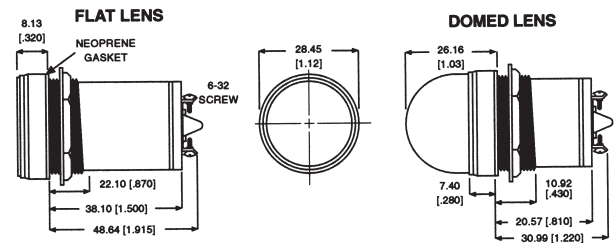
CYLINDRICAL

STOVEPIPE

DIALIGHT 249 SERIES NEON PANEL MOUNT INDICATORS FOR 3/8" MOUNTING HOLE

Material and Finish: Housing: black anodized aluminum. Cap: high impact plastic. Life hours: 25,000.

Cat. No.	Colour	Voltage (AC-DC)	mA	Ohms	Net Price Each	
					1-99	100-Up
CYLINDRICAL						
249-7841-1431-574	Red	105-125	0.7	100K	\$16.16	\$12.54
249-7841-1433-574	Amber	105-125	0.7	100K	17.23	13.37
249-7841-1437-574	Clear	105-125	0.7	100K	36.53	28.34
STOVEPIPE						
249-7841-0931-574	Red	105-125	0.7	100K	18.62	14.44
249-7841-0933-574	Amber	105-125	0.7	100K	29.12	22.59
249-7841-0937-574	Clear	105-125	0.7	100K	31.03	24.07
249-7866-0931-514	Red	110-125	1.9	22K	28.22	21.89
249-7866-0933-514	Amber	110-125	1.9	22K	31.03	24.07
249-7866-0937-514	Clear	110-125	1.9	22K	30.07	23.33



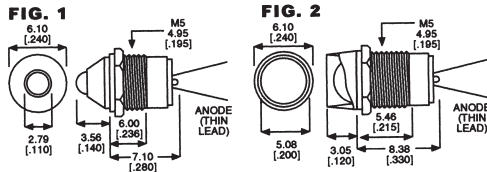
DIALIGHT 556 SERIES PANEL MOUNT LED INDICATORS FOR 1" MOUNTING HOLE

Dialight, the industry leader in panel mount indicators, presents the first super-bright LED assembly for 1" front panel mounting. This unique achievement is the result of multiple LED construction and proprietary lens design. Ideally suited for a multitude of applications: Instrument panels, electrical/electronic control panels, and mass transit, anywhere highly visible indication is critical and minimal maintenance is important. Matches light output of incandescent indicators. Extremely long life (100,000 hours). Rugged construction (nickel plated brass housing, Lexan Lens). Environmental protection (sealed watertight construction, solid state design). 180° viewing angle (Domed Version). Easy screw terminals.

Cat. No.	Colour	Volts	mA	Fl.*	Net Price Each		
					1-99	100-499	500-Up
556-3104-304	Red	24	40	100	\$44.49	\$34.52	\$28.13
556-3304-304	Yellow	24	21	75	44.49	34.52	28.13
556-3105-304	Red	125	21	100	44.49	34.52	28.13
556-3205-304	Green	125	24	55	44.49	34.52	28.13
556-3305-304	Yellow	125	21	75	44.49	34.52	28.13

*Intensity measured in Foot Lamberts (1fl = 3.4 cd/M²).

NOTE: Call your Electro Sonic sales representative for a full range of specifications.

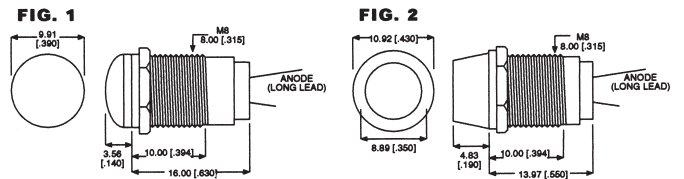


PANEL MOUNT 605 SERIES FOR 5MM MOUNTING HOLE

Housing Material: Chrome plated brass.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
605-1111-110	Red	2	15	37	1	\$2.36	\$1.83
605-1211-110	Green	2	15	16	1	2.70	2.09
605-1311-110	Yellow	2	15	30	1	2.70	2.09
605-2111-110	Red	2	15	37	2	2.36	1.83
605-2211-110	Green	2	15	16	2	2.70	2.09
605-2311-110	Yellow	2	15	30	2	2.70	2.09

*mcd intensity of LED.

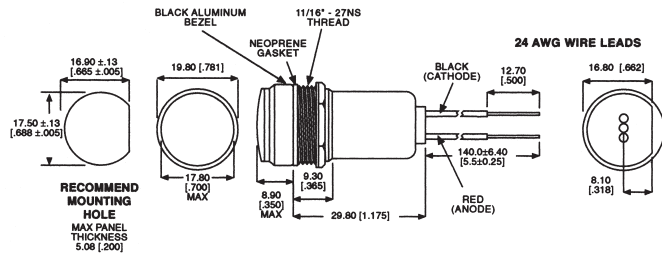


PANEL MOUNT 608 SERIES FOR 8MM MOUNTING HOLE

Housing Material: Polycarbonate matching colour of LED.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
608-1231-110	Green	2	15	110	1	\$2.45	\$1.90
608-1331-110	Yellow	2	15	90	1	2.45	1.90
608-3131-110	Red	2	15	60	2	2.17	1.68
608-3331-110	Yellow	2	15	90	2	2.45	1.90

*mcd intensity of LED.

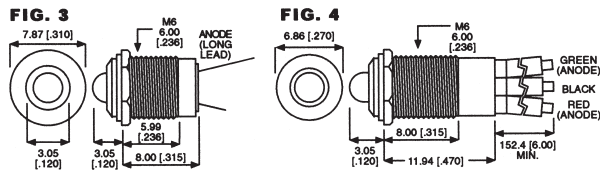


PANEL MOUNT 557 SERIES FOR 11/16" MOUNTING HOLE

Housing Material: Polycarbonate with black aluminum bezel. Water tight.

Cat. No.	Colour	Volts	mA	Fl.*	Net Price Each	
					1-99	100-Up
557-1503-203	Red	12	20	1000	\$15.71	\$12.19
557-1603-203	Green	12	16	1000	17.38	13.48
557-1703-203	Yellow	12	20	1000	15.71	12.19
557-1803-203	Blue	12	16	250	17.38	13.48
557-1505-203	Red	24	20	1000	15.71	12.19
557-1412-203	Red/Green	5	70/16	400/1000	18.77	14.56

*Intensity measured in foot lamberts (1 TL = 3.4 cd/m).

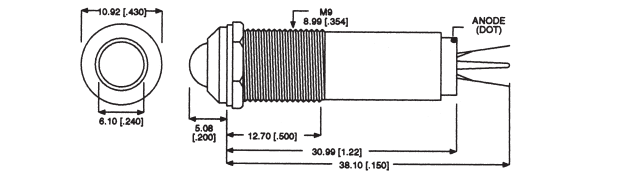


PANEL MOUNT 606 SERIES FOR 6MM MOUNTING HOLE

Housing Material: Chrome plated brass.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
606-1111-110	Red	2	5	8	3	\$2.36	\$1.83
606-1415-110	Red/Green	2	10	35/18	4	5.56	4.31

*mcd intensity of LED.

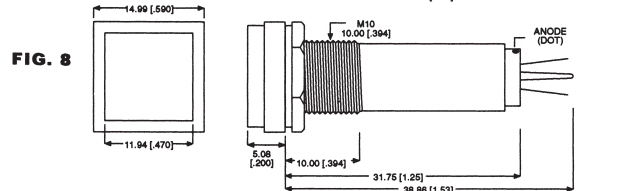
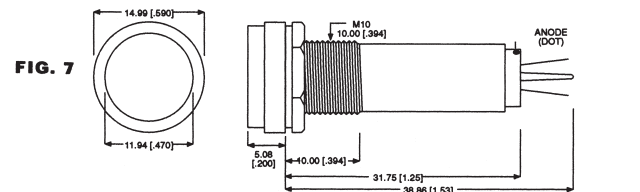


PANEL MOUNT 609 SERIES FOR 9MM MOUNTING HOLE

Housing Material: Chrome plated brass.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
609-1112-130	Red	12	15	60		\$3.48	\$2.70
609-1212-130	Green	12	15	110		3.48	2.70
609-1312-130	Yellow	12	15	90		3.48	2.70

*mcd intensity of LED.



PANEL MOUNT 610 SERIES FOR 10MM MOUNTING HOLE

Housing Material: Black polycarbonate.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
610-3132-120	Red	6	15	60	7	\$3.06	\$2.37
610-3232-120	Green	6	15	110	7	3.20	2.48
610-3332-120	Yellow	6	15	90	7	3.20	2.48
610-4132-120	Red	6	15	60	8	3.06	2.37
610-4232-120	Green	6	15	110	8	3.20	2.48
610-4332-120	Yellow	6	15	90	8	3.20	2.48

*mcd intensity of LED.

FIG. 7

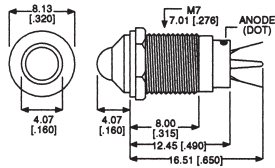
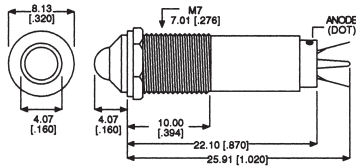


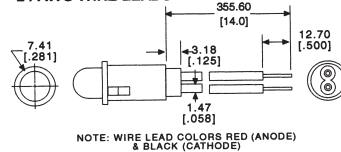
FIG. 8



Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
607-1112-110	Red	2	15	22	7	\$2.92	\$2.27
607-1212-110	Green	2	15	50	7	3.20	2.48
607-1112-130	Red	12	15	22	8	3.67	2.85
607-1212-130	Green	12	15	50	8	3.89	3.02

*mcd intensity of LED.

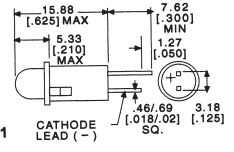
24 AWG WIRE LEADS



NOTE: WIRE LEAD COLORS RED (ANODE) & BLACK (CATHODE)

FIG. 22

FIG. 21



STRAIGHT TERMINALS

BLACK WIRE
3001 P/G Red Cathode
3201 Y/G Yellow Cathode

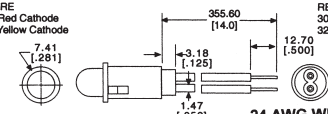


FIG. 24

RED WIRE
3001 P/G Red Anode
3201 Y/G Yellow Anode

24 AWG WIRE LEADS

SNAP-IN MOUNT
559 SERIES FOR 0.250" MOUNTING HOLE
Housing Material: Black polyester PBT.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
559-0202-001	Green	5	12	8	21	\$1.39	\$1.08
559-0302-001	Yellow	5	12	8	21	1.39	1.08
559-0102-003	Red	5	13	2	22	1.81	1.40
559-0202-003	Green	5	12	8	22	1.81	1.40
559-0302-003	Yellow	5	10	8	22	1.81	1.40
559-0103-003	Red	12	13	2	22	1.81	1.40

HIGH EFFICIENCY LAMP TYPE

559-2201-001F**	Green	2	10	10	21	.97	.76
559-2301-001**	Yellow	2	10	6.3	21	.97	.76
559-2101-003F**	Red	2	10	7	22	1.39	1.08
559-3001-003**	Red/Green	2	10	2.5	24	2.14	1.66

SUPER EFFICIENCY LAMP TYPE

559-5101-001**	Red	2.1	20	34	21	1.06	.82
559-5201-007***	Green	2.1	20	34	21	1.53	1.19
559-5101-007***	Red	2.1	20	34	22	1.53	1.19

*mcd intensity of LED.

** Requires external resistor.

*** Has 14" wire leads.

STRAIGHT TERMINALS

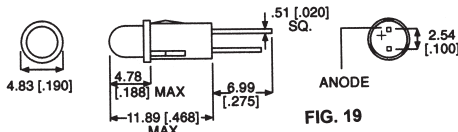


FIG. 19

26 AWG 6" WIRE LEADS

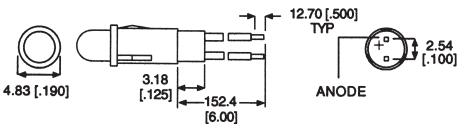


FIG. 20

SNAP-IN MOUNT
558 SERIES FOR 0.156" MOUNTING HOLE

Housing Material: Black polyester PBT.

Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
558-0101-001F**	Red	2	10	10	19	\$0.84	\$0.65
558-0301-001F**	Yellow	2	10	6.3	19	.84	.65
558-0101-003F**	Red	2	10	10	20	1.61	1.25
558-0101-007***	Red	2	10	10	20	1.61	1.25
558-0201-003F**	Green	2	10	16	20	1.61	1.25
558-0102-001	Red	5	13	4	19	1.39	1.08
558-0202-001	Green	5	12	8	19	1.39	1.08
558-0102-003	Red	5	13	4	20	1.95	1.51
558-0202-003	Green	5	12	8	20	1.95	1.51

*mcd intensity of LED.

** Requires external resistor.

*** Has 14" wire leads.

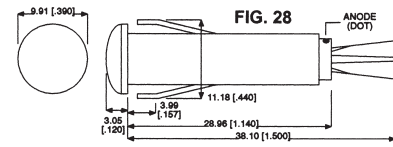


FIG. 28

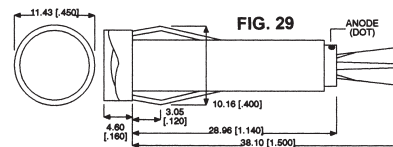
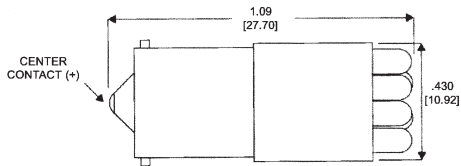


FIG. 29

SNAP-IN MOUNT
608 SERIES FOR 8MM MOUNTING HOLE
Housing Material: Polycarbonate matching colour of LED.

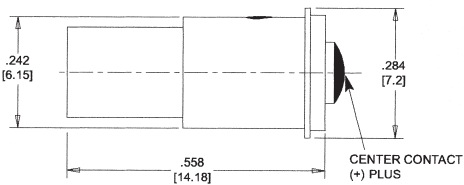
Cat. No.	Colour	Volts	mA	mcd*	Fig.	Net Price Each	
						1-99	100-Up
608-1132-220	Red	6	15	60	28	\$2.78	\$2.16
608-1132-230	Red	12	15	60	28	2.78	2.16
608-1232-230	Green	12	15	110	28	2.98	2.31
608-1332-230	Yellow	12	15	90	28	2.98	2.31
608-2132-230	Red	12	15	60	29	3.48	2.70

*mcd intensity of LED.



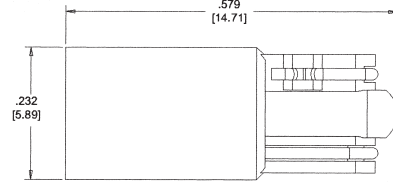
DIALIGHT 585 SERIES CLUSTER BASED LED
T-3/4 MINIATURE BAYONET (BA9S)

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
POLARIZED						
585-5211	Red	6	60	480	\$10.43	\$8.09
585-5311	Green	6	60	420	10.43	8.09
585-5511	Yellow	6	90	1800	12.10	9.38
585-5213	Red	14	40	480	10.43	8.09
585-5313	Green	14	40	420	10.43	8.09
585-5513	Yellow	14	60	1800	12.10	9.38
585-5215	Red	28	20	560	10.43	8.09
585-5315	Green	28	20	490	10.43	8.09
585-5515	Yellow	28	30	2100	12.10	9.38
585-5256	Red	120 VAC	9	252	10.43	8.09
585-5356	Green	120 VAC	9	220	10.43	8.09
585-5556	Yellow	120 VAC	9	945	10.43	8.09
NON-POLARIZED						
585-5223	Red	14	40	480	15.30	11.87
585-5323	Green	14	40	420	15.30	11.87
585-5523	Yellow	14	60	1800	18.07	14.02
585-5225	Red	28	20	560	15.30	11.87
585-5325	Green	28	20	490	15.30	11.87
585-5525	Yellow	28	30	2100	18.07	14.02



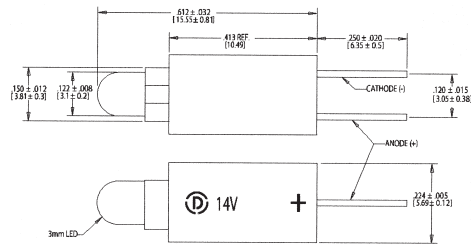
DIALIGHT 586 SERIES SINGLE CHIP BASED LED
T-1-3/4 MIDGET FLANGE

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
586-1101-101	Red	6	10	775	\$3.75	\$2.91
586-1102-101	Green	6	10	600	5.98	4.64
586-1103-101	Yellow	6	10	775	3.75	2.91
586-1105-101	Blue	6	10	210	5.98	4.64
586-1106-101	White	6	10	460	5.98	4.64
586-1101-103	Red	14	10	775	3.75	2.91
586-1102-103	Green	14	10	600	5.98	4.64
586-1103-103	Yellow	14	10	775	3.75	2.91
586-1105-103	Blue	14	10	210	5.98	4.64
586-1106-103	White	14	10	460	5.98	4.64
586-1101-105	Red	28	10	775	3.75	2.91
586-1102-105	Green	28	10	600	5.98	4.64
586-1103-105	Yellow	28	10	775	3.75	2.91
586-1105-105	Blue	28	10	210	5.98	4.64
586-1106-105	White	28	10	460	5.98	4.64



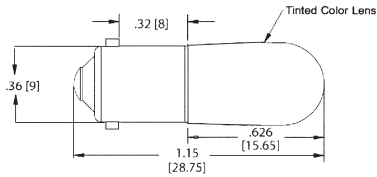
DIALIGHT 586 SERIES CLUSTER BASED LED
T-1-3/4 WEDGE (T5)

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
NON-POLARIZED						
586-1201-201	Red	6	35	450	\$6.40	\$4.96
586-1202-201	Green	6	12	120	9.04	7.01
586-1203-201	Yellow	6	35	450	6.40	4.96
586-1205-201	Blue	6	12	50	9.04	7.01
586-1206-201	White	6	15	320	9.04	7.01
586-1201-202	Red	12	18	450	6.40	4.96
586-1202-202	Green	12	8	170	9.04	7.01
586-1203-202	Yellow	12	18	450	6.40	4.96
586-1205-202	Blue	12	8	70	9.04	7.01
586-1206-202	White	12	11	450	9.04	7.01
586-1201-203	Red	14	20	500	6.40	4.96
586-1202-203	Green	14	8.5	185	9.04	7.01
586-1203-203	Yellow	14	20	500	6.40	4.96
586-1205-203	Blue	14	8.5	75	9.04	7.01
586-1206-203	White	14	12	500	9.04	7.01
586-1201-204	Red	24	14	350	6.40	4.96
586-1202-204	Green	24	10	215	9.04	7.01
586-1203-204	Yellow	24	14	350	6.40	4.96
586-1205-204	Blue	24	10	85	9.04	7.01
586-1206-204	White	24	14	580	9.04	7.01
586-1201-205	Red	28	14	350	6.40	4.96
586-1202-205	Green	28	10	210	9.04	7.01
586-1203-205	Yellow	28	14	350	6.40	4.96
586-1205-205	Blue	28	10	80	9.04	7.01
586-1206-205	White	28	14	540	9.04	7.01



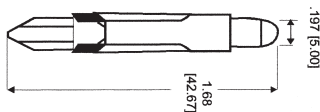
DIALIGHT 586 SERIES SINGLE CHIP BASED LED
T-1-3/4 BI-PIN

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
586-1301-101	Red	6	10	90	\$3.75	\$2.91
586-1302-101	Green	6	10	1700	5.98	4.64
586-1303-101	Yellow	6	10	110	3.75	2.91
586-1305-101	Blue	6	10	500	5.98	4.64
586-1306-101	White	6	10	635	5.98	4.64
586-1301-103	Red	14	10	90	3.75	2.91
586-1302-103	Green	14	10	1700	5.98	4.64
586-1303-103	Yellow	14	10	110	3.75	2.91
586-1305-103	Blue	14	10	500	5.98	4.64
586-1306-103	White	14	10	635	5.98	4.64
586-1301-105	Red	28	10	90	3.75	2.91
586-1302-105	Green	28	10	1700	5.98	4.64
586-1303-105	Yellow	28	10	110	3.75	2.91
586-1305-105	Blue	28	10	500	5.98	4.64
586-1306-105	White	28	10	635	5.98	4.64



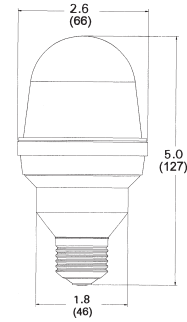
**DIALIGHT 586 SERIES SINGLE CHIP BASED LED
T-3-1/4 MINIATURE BAYONET (BA9S)**

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
POLARIZED						
586-2401-101	Red	6	15	1050	\$4.45	\$3.45
586-2402-101	Green	6	15	1650	7.09	5.50
586-2403-101	Yellow	6	15	1275	4.45	3.45
586-2405-101	Blue	6	15	487	7.09	5.50
586-2406-101	White	6	15	825	7.09	5.50
586-2401-103	Red	14	15	1050	4.45	3.45
586-2402-103	Green	14	15	1650	7.09	5.50
586-2403-103	Yellow	14	15	1275	4.45	3.45
586-2405-103	Blue	14	15	487	7.09	5.50
586-2406-103	White	14	15	825	7.09	5.50
586-2401-105	Red	28	15	1050	4.45	3.45
586-2402-105	Green	28	15	1650	7.09	5.50
586-2403-105	Yellow	28	15	1275	4.45	3.45
586-2405-105	Blue	28	15	487	7.09	5.50
586-2406-105	White	28	15	825	7.09	5.50
NON-POLARIZED						
586-2401-201	Red	6	15	1050	4.87	3.77
586-2402-201	Green	6	15	1650	7.79	6.04
586-2403-201	Yellow	6	15	1275	4.87	3.77
586-2405-201	Blue	6	15	487	7.79	6.04
586-2406-201	White	6	15	825	7.79	6.04
586-2401-203	Red	14	15	1050	4.87	3.77
586-2402-203	Green	14	15	1650	7.79	6.04
586-2403-203	Yellow	14	15	1275	4.87	3.77
586-2405-203	Blue	14	15	487	7.79	6.04
586-2406-203	White	14	15	825	7.79	6.04
586-2401-205	Red	28	7.5	525	4.87	3.77
586-2402-205	Green	28	7.5	825	7.79	6.04
586-2403-205	Yellow	28	7.5	637	4.87	3.77
586-2405-205	Blue	28	7.5	243	7.79	6.04
586-2406-205	White	28	7.5	412	7.79	6.04



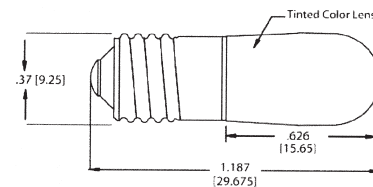
**DIALIGHT 586 SERIES SINGLE CHIP BASED LED
T2 TELEPHONE SLIDE (ANSI #1)**

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
586-3501-204	Red	24	25	600	\$5.56	\$4.31
586-3502-204	Green	24	25	5000	9.04	7.01
586-3503-204	Yellow	24	25	1700	5.56	4.31
586-3505-204	Blue	24	25	1500	9.04	7.01
586-3506-204	White	24	25	5600	9.04	7.01



**DIALIGHT SOLID STATE LIGHTING
EDISON SCREW BASED LED LAMPS**

Cat. No.	Emitting Colour	Typical Lumens Output	Net Price Each	
			1-99	100-Up
TINTED LENS, 120VAC, 250mA				
EBA-26014-DAA	Amber	100	\$166.85	\$129.44
EBR-26018-DAA	Red	120	166.85	129.44
EBG-26012-DAA	Green	100	166.85	129.44
EBB-26004-DAA	Blue	32	166.85	129.44
NON-TINTED, DIFFUSED LENS, 120VAC, 250mA				
EBA-26014-DAB	Amber	100	166.85	129.44
EBR-26018-DAB	Red	120	166.85	129.44
EBG-26012-DAB	Green	100	166.85	129.44
EBB-26004-DAB	Blue	32	166.85	129.44
EBC-26018-DAB	Cool White	100	166.85	129.44
EBW-26014-DAB	Warm White	80	166.85	129.44

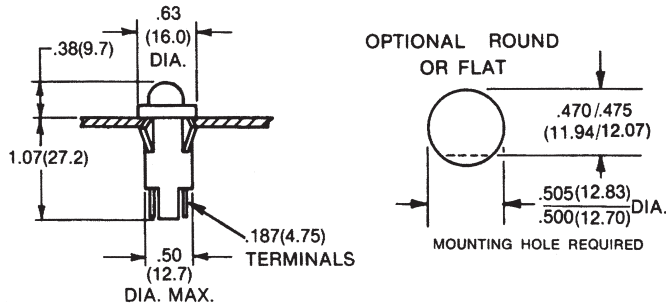


**DIALIGHT 586 SERIES SINGLE CHIP BASED LED
T-3-1/4 MINIATURE SCREW (E10)**

Cat. No.	Colour	Nominal Voltage	mA	mcd	Net Price Each	
					1-99	100-Up
586-2701-201	Red	6	15	1050	\$4.87	\$3.77
586-2702-201	Green	6	15	1650	7.79	6.04
586-2703-201	Yellow	6	15	1275	4.87	3.77
586-2705-201	Blue	6	15	487	7.79	6.04
586-2706-201	White	6	15	825	7.79	6.04
586-2701-203	Red	14	15	1050	4.87	3.77
586-2702-203	Green	14	15	1650	7.79	6.04
586-2703-203	Yellow	14	15	1275	4.87	3.77
586-2705-203	Blue	14	15	487	7.79	6.04
586-2706-203	White	14	15	825	7.79	6.04
586-2701-205	Red	28	7.5	525	4.87	3.77
586-2702-205	Green	28	7.5	825	7.79	6.04
586-2703-205	Yellow	28	7.5	637	4.87	3.77
586-2705-205	Blue	28	7.5	243	7.79	6.04
586-2706-205	White	28	7.5	412	7.79	6.04



formerly Chicago Miniature Lamp and SLI Miniature Lighting

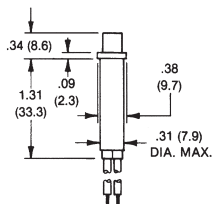


NON-RELAMPABLE LED INDICATOR LIGHT 1091M AND 1091QM SERIES 1/2" DIAMETER MOUNTING HOLE

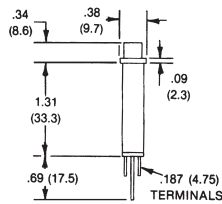
Solid state indicator light complete with current-limiting resistor and rectifier diode. Will snap-fit into .500/.505 (12.7/12.83) dia. hold in panel .02/.100 (51/2.54) thick. Part is supplied with either 22 gauge wire leads or .187 QC terminals. Standard part is supplied with white nylon housing, coloured polycarbonate lens and chrome plated bezel.

Cat. No.	Lens Colour	Net Price Each	
		1-299	300-Up
WIRE LEADS: NO. 22AWG (105°C) RED & WHITE COLOURED LEADS			
6 VOLT			
1091M1-6V	Red	\$7.02	\$5.25
1091M5-6V	Green	7.02	5.25
1091M7-6V	Yellow	7.02	5.25
12 VOLT			
1091M1-12V	Red	5.05	3.60
1091M5-12V	Green	5.05	3.60
1091M7-12V	Yellow	5.05	3.60
24 VOLT			
1091M1-24V	Red	5.05	3.60
1091M5-24V	Green	5.05	3.60
1091M7-24V	Yellow	5.05	3.60
125VAC*			
1091M1-125VAC	Red	5.91	4.20
1091M5-125VAC	Green	5.91	4.20
1091M7-125VAC	Yellow	5.91	4.20
12 VOLT, 187 QC LEADS			
1091QM1-12V	Red	7.49	5.57
1091QM5-12V	Green	7.08	5.26
1091QM7-12V	Yellow	7.49	5.57
24 VOLT, 187 QC LEADS			
1091QM1-24V	Red	7.49	5.57
1091QM5-24V	Green	7.49	5.57
1091QM7-24V	Yellow	7.49	5.57

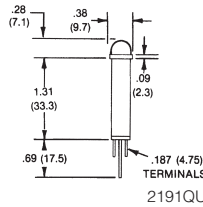
NOTE: 125VAC supplied with 6" black wire, stripped 1/2" with external 3.9K 1/2 watt resistor attached to one lead, covered with shrink tubing insulation. Chicago Miniature can supply all of the above assemblies using higher brightness LEDs, contact your Electro Sonic sales representative for more information.



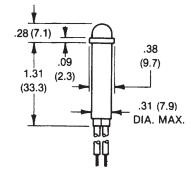
2191L



2191QL



2191QU



2191U

NON-RELAMPABLE 2191L, 2191QL, 2191U & 2191QU SERIES LED SOLID STATE INDICATOR LIGHTS (5/16" DIA. MOUNTING HOLE)

These solid-state indicator LED lights are complete with built-in current-limiting resistor and (1N4004) rectifier diode. The required mounting hole is .31 (7.9) minimum dia. The wire leads are 22AWG 4.4/4.8 (11.8/12.1.9) long. Anode is the Red lead. The Quick-connect terminals .187 x .020 tinned brass with anode (+) marked on housing above terminal. Polycarbonate lens, Polished stainless steel bezel and white Nylon housing.

Nominal	VAC	VDC
6V	5 to 11	3.5 to 6.5
12V	10 to 20	6.0 to 13.5
24V	22 to 32	12.0 to 24.0

Beyond 32VAC use 24V model and add 30 ohms per volt.
Beyond 24VDC use 24V model and add 50 ohms per volt.

Use 1/2 watt resistor up to 50V.
Use 1 watt resistor for 50V to 70V.
Use 2 watt resistor for 75V to 125V.
Do not use beyond 125 volt.

FLAT-TOP LENS

Cat. No.	Lens Colour	Net Price Each		
		1-299	300-999	1000-Up
FLAT-TOP LENS—WIRE LEADS				
2191L1-6V	Red	\$7.12	\$5.28	\$4.09
2191L5-6V	Green	7.12	5.28	4.09
2191L7-6V	Yellow	7.12	5.28	4.09
HEMISPHERIC LENS—WIRE LEADS				
2191U1-6V	Red	6.74	4.99	3.87
2191U5-6V	Green	6.74	4.99	3.87
2191U7-6V	Yellow	6.74	4.99	3.87
FLAT-TOP LENS—WIRE LEADS				
2191L1-12V	Red	5.09	3.63	2.96
2191L5-12V	Green	5.09	3.63	2.96
2191L7-12V	Yellow	5.09	3.63	2.96

.187" QUICK CONNECT TERMINALS (FLAT-TOP LENS)

2191QL1-12V	Red	7.49	5.54	4.27
2191QL5-12V	Green	7.49	5.54	4.27
2191QL7-12V	Yellow	7.49	5.54	4.27

HEMISPHERIC LENS—WIRE LEADS

2191U1-12V	Red	7.12	5.28	4.09
2191U5-12V	Green	7.12	5.28	4.09
2191U7-12V	Yellow	7.12	5.28	4.09

.187" QUICK CONNECT TERMINALS (HEMISPHERIC LENS)

2191QU1-12V	Red	7.49	5.54	4.27
2191QU5-12V	Green	7.08	5.24	4.04
2191QU7-12V	Yellow	7.08	5.24	4.04

FLAT-TOP LENS—WIRE LEADS

2191L1-24V	Red	7.12	5.28	4.09
2191L5-24V	Green	7.12	5.28	4.09
2191L7-24V	Yellow	7.12	5.28	4.09

.187" QUICK CONNECT TERMINALS (FLAT-TOP LENS)

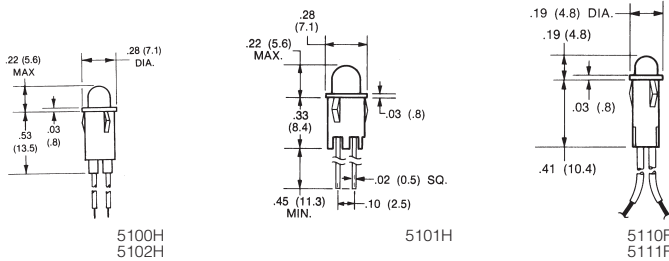
2191QL1-24V	Red	7.49	5.54	4.27
2191QL5-24V	Green	7.49	5.54	4.27
2191QL7-24V	Yellow	7.49	5.54	4.27

HEMISPHERIC LENS—WIRE LEADS

2191U1-24V	Red	6.74	4.99	3.87
2191U5-24V	Green	7.12	5.28	4.09
2191U7-24V	Yellow	7.12	5.28	4.09

.187" QUICK CONNECT TERMINALS (HEMISPHERIC LENS)

2191QU1-24V	Red	7.49	5.54	4.27
2191QU5-24V	Green	7.49	5.54	4.27
2191QU7-24V	Yellow	7.49	5.54	4.27



PANEL MOUNT LED ASSEMBLIES 5100H AND 5101H WITH 1/4" MOUNTING HOLE 5110F AND 5111F WITH 5/32" MOUNTING HOLE

These assemblies are available with High Bright LEDs, or 5V and 12V LEDs, and come with your choice of either 24 gauge bonded wire leads or wire wrap terminals. **5100H and 5101H series** parts are designed to snap into panel cut outs that are .249/.254 (6.33/6.45) in diameter and .031/.062 (.787/1.58) thick. The **5110F and 5111F series** parts are designed to snap fit into panel cut outs that are .155/.158 (3.94/4.01) in diameter and .031/.062 (.787/1.580) thick.

Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
SUPER BRITE LED					
5100H1	Red	2.0	20	30.0	\$1.75
5100H3	Amber	2.0	20	20.0	1.90
5100H5	Green	2.2	20	30.0	1.75
5100H6	Blue	3.4	45	3.0	3.12
5100H7	Yellow	2.1	20	25.0	1.75

LOW CURRENT					
5100H1LC	Red	1.8	2.0	2.0	2.21
5100H5LC	Green	1.8	2.0	2.5	3.02
5100H7LC	Yellow	1.9	2.0	2.0	2.21

BUILT-IN RESISTOR 5 VOLTS					
5102H1-5V	Red	5.0	10.0	6.0	2.43
5102H3-5V	Amber	5.0	10.0	7.0	2.43
5102H5-5V	Green	5.0	12.0	10.0	2.43

BUILT-IN RESISTOR 12 VOLTS					
5102H1-12V	Red	12.0	13.0	4.0	2.43
5102H3-12V	Amber	12.0	13.0	4.0	2.43
5102H5-12V	Green	12.0	13.0	4.0	2.43

BI-COLOUR (RED/GREEN) LED INDICATOR					
5100H1/5	Red/Green	2.2	20	6.0	2.84

HIGH INTENSITY LEDS (SUPER-BRITE)					
5101H1	Red	2.2	10.0	6.3	1.62
5101H3	Amber	2.1	10.0	10.0	1.62
5101H5	Green	2.1	10.0	10.0	1.62
5101H7	Yellow	2.1	10.0	6.3	1.62

LOW CURRENT					
5101H1LC	Red	1.8	2.0	2.0	2.12
5101H5LC	Green	1.8	2.0	2.5	2.12
5101H7LC	Yellow	1.9	2.0	2.0	2.12

BUILT-IN RESISTOR 5-VOLT					
5101H1-5V	Red	5.0	10.0	6.0	2.03
5101H3-5V	Amber	5.0	10.0	7.0	2.03
5101H5-5V	Green	5.0	12.0	10.0	2.03

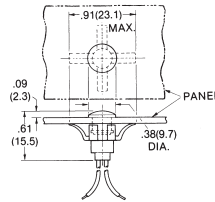
STANDARD LED, WIRE LEADS					
5110F1	Red	2.0	10.0	10.0	1.96
5110F3	Amber	2.0	10.0	7.0	2.21
5110F5	Green	2.2	20.0	16.0	1.96
5110F6	Blue	3.8	20.0	11.0	3.12
5110F7	Yellow	2.1	20.0	6.3	1.96

LOW CURRENT, WIRE LEADS					
5110F1LC	Red	1.8	2.0	2.5	2.65
5110F5LC	Green	1.8	2.0	2.1	2.65
5110F7LC	Yellow	1.9	2.0	1.8	2.65

BUILT-IN RESISTOR 5 VOLT, WIRE LEADS					
5110F1-5V	Red	5.0	10.0	8.0	2.87
5110F3-5V	Amber	5.0	10.0	8.0	2.87
5110F5-5V	Green	5.0	10.0	8.0	2.87

BUILT-IN RESISTOR 12 VOLT, WIRE LEADS					
5110F1-12V	Red	12.0	13.0	8.0	2.87
5110F3-12V	Amber	12.0	13.0	8.0	2.87
5110F5-12V	Green	12.0	13.0	8.0	2.87

Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
STANDARD LED, WIRE WRAP TERMINALS					
5111F1	Red	2.0	10.0	10.0	\$1.09
5111F3	Amber	2.2	10.0	7.0	1.09
5111F5	Green	2.2	10.0	16.0	1.09
5111F7	Yellow	2.1	10.0	6.3	1.09
LOW CURRENT					
5111F1LC	Red	1.8	2.0	2.5	1.62
5111F5LC	Green	1.8	2.0	2.1	1.62
5111F7LC	Yellow	1.9	2.0	1.8	1.62
BUILT-IN RESISTOR 5 VOLT, WIRE WRAP TERMINALS					
5111F1-5V	Red	5.0	10.0	8.0	2.00
5111F3-5V	Amber	5.0	10.0	8.0	2.00
5111F5-5V	Green	5.0	10.0	8.0	2.00

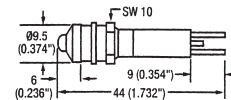


NOTE: TO INSTALL, INSERT LENS INTO PANEL AND PRESS FIRMLY TO SNAP LED ASSEMBLY ONTO REAR OF LENS.

PANEL MOUNTED LED INDICATOR LIGHT 5400A SERIES WIRE LEADS & 5/16" DIA. MOUNTING HOLE

Consists of a lens and a housing-LED assembly. Place the lens into the mounting hole from the panel front and snap the housing assembly onto the lens from the panel rear. Allows prewiring of circuit for pre-testing. Low profile damage resistant lens, offers static discharge protection and wide angle viewing. Will snap-fit into .312/.317 (7.93/8.05) dia. hole in .020/.098 (0.51/2.49) thick panels. No. 24 AWG 4.4/4.8 (111.8/121.9) long, stripped .43/.57 (10.9/14.5) leads. Red lead indicates anode. Polycarbonate lens. Natural nylon housing.

Cat. No.	Lens Colour	Forward		Lumen mcd	Includes Lens No.	Net Price
		Volts	mA			
USE 4740/4750 SERIES LENS						
5400A1	Red	2.0	20	120	4741	\$4.15
5400A3	Amber	2.0	20	120	4743	4.15
5400A5	Green	2.1	20	120	4745	4.15
5400A7	Yellow	2.1	20	120	4747	4.15

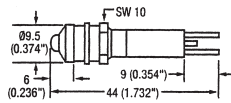


PANEL-MOUNT SUNLIGHT VISIBLE 8MM LED INDICATORS

FEATURES: Mounts in 0.315/0.323" (8/8.2mm) dia. hole in panels with a maximum thickness of 0.217" (5.5mm). Super bright LEDs with colour diffused lenses and chrome bezels. Rating: IP40. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
19080250	Red	12VAC/DC	9/17	\$7.36	\$5.79
19080252	Yellow	12VAC/DC	9/17	7.36	5.79
19080255	Green	12VAC/DC	9/17	13.41	10.53
19080257	Blue	12VAC/DC	9/17	13.41	10.53
1908025W	White	12VAC/DC	9/17	13.41	10.53
19080350	Red	24VAC/DC	9/17	7.54	5.93
19080352	Yellow	24VAC/DC	9/17	7.54	5.93
19080355	Green	24VAC/DC	9/17	13.41	10.53
19080357	Blue	24VAC/DC	9/17	13.41	10.53
1908035W	White	24VAC/DC	9/17	13.41	10.53

NOTE: Black bezel available.

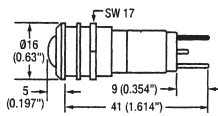


PANEL-MOUNT 8MM LED INDICATORS

FEATURES: Mounts in 0.315/0.323" (8/8.2mm) dia. hole in panels with a maximum thickness of 0.217" (5.5mm). High brightness LEDs with colour diffused lenses and chrome bezels. Rating: IP40. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
19040251	Green	12VDC	20	\$4.90	\$3.85
19040252	Yellow	12VDC	20	4.90	3.85
19040253	Red	12VDC	20	4.90	3.85
19040257	Blue	12VDC	20	7.98	6.26
19040351	Green	24VDC	20	4.90	3.85
19040352	Yellow	24VDC	20	4.90	3.85
19040353	Red	24VDC	20	4.90	3.85
19040357	Blue	24VDC	20	7.98	6.26
19510330	Red	130VAC	5	7.64	5.99
19510331	Green	130VAC	5	7.64	5.99
19510332	Yellow	130VAC	5	7.64	5.99
19510430	Red	230VAC	3	7.64	5.99
19510431	Green	230VAC	3	7.64	5.99
19510432	Yellow	230VAC	3	7.64	5.99

NOTE: Black bezel available.

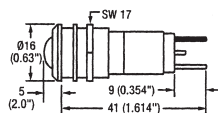


PANEL-MOUNT 14MM LED INDICATORS

FEATURES: Mounts in 0.550/0.560" (14/14.2mm) dia. hole in panels with a maximum thickness of 0.433" (11mm). High brightness LEDs with colour diffused lenses and chrome bezels. Rating: IP40. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
19210250	Red	12VDC	20	\$6.39	\$5.04
19210251	Green	12VDC	20	6.39	5.04
19210252	Yellow	12VDC	20	6.39	5.04
19210350	Red	24VDC	20	6.39	5.04
19210352	Yellow	24VDC	20	6.39	5.04
19350130	Red	130VAC	6	9.82	7.70
19350131	Green	130VAC	6	17.18	13.50
19350133	Yellow	130VAC	6	17.18	13.50
19350230	Red	230VAC	3	9.82	7.70
19350231	Green	230VAC	3	17.18	13.50
19350233	Yellow	230VAC	3	17.18	13.50

NOTE: Black bezel available.

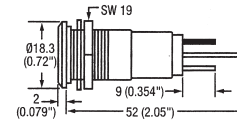


PANEL-MOUNT SUNLIGHT VISIBLE 14MM LED INDICATORS

FEATURES: Mounts in 0.550/0.560" (14/14.2mm) dia. hole in panels with a maximum thickness of 0.433" (11mm). Super bright LEDs with colour diffused lenses and chrome bezels. Rating: IP67. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
192A0250	Red	12VAC/DC	9/17	\$9.82	\$7.70
192A0252	Yellow	12VAC/DC	9/17	12.00	9.45
192A0255	Green	12VAC/DC	9/17	16.21	12.75
192A0257	Blue	12VAC/DC	9/17	16.21	12.75
192A025W	White	12VAC/DC	9/17	16.21	12.75
192A0350	Red	24VAC/DC	9/17	10.07	7.92
192A0352	Yellow	24VAC/DC	9/17	12.28	9.64
192A0355	Green	24VAC/DC	9/17	16.46	12.94
192A0357	Blue	24VAC/DC	9/17	16.46	12.94
192A035W	White	24VAC/DC	9/17	16.46	12.94

NOTE: Black bezel available.

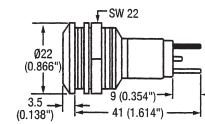


PANEL-MOUNT 16MM LED INDICATORS

FEATURES: Mounts in 0.630/0.645" (16/16.4mm) dia. hole in panels with a maximum thickness of 0.433" (11mm). High brightness LEDs with colour diffused lenses and chrome bezels. Rating: IP67. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
19380250M	Red	12VAC/DC	8/16	\$16.02	\$12.61
19380252M	Yellow	12VAC/DC	8/16	17.61	13.85
19380255M	Green	12VAC/DC	7/14	21.04	16.54
19380257M	Blue	12VAC/DC	7/14	21.04	16.54
1938025WM	White	12VAC/DC	7/14	21.04	16.54
19380350M	Red	24VAC/DC	8/16	16.30	12.80
19380352M	Yellow	24VAC/DC	8/16	17.80	13.99
19380355M	Green	24VAC/DC	7/14	21.29	16.74
19380357M	Blue	24VAC/DC	7/14	21.29	16.74
1938035WM	White	24VAC/DC	7/14	21.29	16.74
19410130M	Red	130VAC	6	23.04	18.12
19410132M	Yellow	130VAC	6	19.45	15.29
19410135M	Green	130VAC	6	22.35	17.57
19410137M	Blue	130VAC	6	22.35	17.57
1941013WM	White	130VAC	6	23.38	18.40
19410230M	Red	230VAC	3	23.04	18.21
19410232M	Yellow	230VAC	3	19.45	15.29
19410235M	Green	230VAC	3	22.35	17.57
19410237M	Blue	230VAC	3	22.35	17.57
1941023WM	White	230VAC	3	23.38	18.40

NOTE: Black bezel available.



PANEL-MOUNT 19MM LED INDICATORS

FEATURES: Mounts in 0.750/0.764" (8/8.2mm) dia. hole in panels with a maximum thickness of 0.433" (11mm). High brightness LEDs with colour diffused lenses and chrome bezels. Rating: IP67. Brass terminals: Anode. Brass-tinned terminal: Cathode Solder tab terminals: 0.110 x 0.031" (2.8mm x 0.8).

Cat. No.	Colour	Voltage	Current (mA)	Net Price Each	
				1-299	300-Up
19710250	Red	12VAC/DC	8/16	\$15.46	\$12.16
19710252	Yellow	12VAC/DC	8/16	17.46	13.74
19710255	Green	12VAC/DC	7/14	20.61	16.21
19710257	Blue	12VAC/DC	7/14	20.61	16.21
1971025W	White	12VAC/DC	7/14	20.61	16.21
19710350	Red	24VAC/DC	8/16	15.46	12.16
19710352	Yellow	24VAC/DC	8/16	17.46	13.74
19710355	Green	24VAC/DC	7/14	20.61	16.21
19710357	Blue	24VAC/DC	7/14	20.61	16.21
1971035W	White	24VAC/DC	7/14	20.61	16.21
19740130	Red	130VAC	6	22.70	17.84
19740132	Yellow	130VAC	6	18.58	14.63
19740135	Green	130VAC	6	21.82	17.15
19740137	Blue	130VAC	6	21.82	17.15
1974013W	White	130VAC	6	22.26	17.51
19740230	Red	230VAC	3	22.70	17.84
19740232	Yellow	230VAC	3	18.58	14.63
19740235	Green	230VAC	3	21.82	17.15
19740237	Blue	230VAC	3	21.82	17.15
1974023W	White	230VAC	3	22.26	17.51

NOTE: Black bezel available.

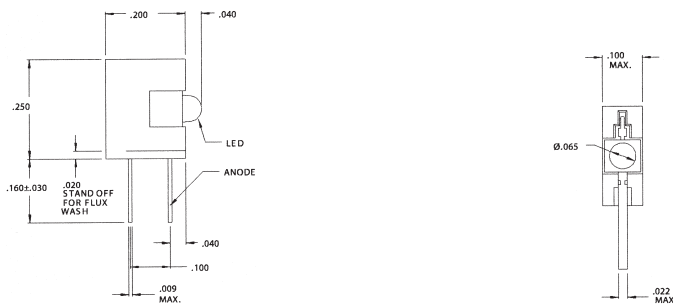
Cat. No.	Colour	Voltage	Typical Intensity (Mcd)	Current AC/DC	Net Price Each	
					1-299	300-Up
T10 BA9 STYLE SINGLE CONTACT BAYONET BASE, FIG 4						
18602250	Red	12	350	15	\$9.79	\$8.70
18602251	Green	12	1000	15	15.84	14.08
18602252	Yellow	12	300	15	9.79	8.70
18602257	Blue	12	400	15	15.84	14.08
18602350	Red	24	350	15	9.79	8.70
18602351	Green	24	1000	15	15.84	14.08
18602357	Yellow	24	300	15	15.84	14.08
18602352	Blue	24	400	15	9.79	8.70
1860235W3	White	24	750	15	15.84	14.08
1860245W3	White	28	750	15	15.84	14.08
18602450	Red	28	350	15	9.79	8.70
18602451	Green	28	1000	15	15.84	14.08



CIRCUIT BOARD INDICATORS SERIES 5300H, 5302H, AND 5308H

FEATURES: Block mounting and spacing alignment saves assembly cost and time. Full range of brightness. TTL compatible. Standoffs prevent flux entrapment. Requires no external current limiting resistors (**series 5302H-5 only**). Housing: Black nylon, UL94V-0.

Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
5300H1	Red	2.0	10	6.3	\$.56
5300H1-5	Red/Green	2.2	10	6.0	1.40
5300H5-1	Green/Red	2.2	10	6.0	1.40
5300H5	Green	2.2	10	10.0	.56
5300H7	Yellow	2.1	10	6.3	.56
5302H1-5V	Red	5.0	10	8.0	1.09
5302H3-5V	Amber	5.0	10	8.0	1.09
5302H5-5V	Green	5.0	12	8.0	1.09
5302H1-12V	Red	12.0	12	8.0	1.09
5302H3-12V	Amber	12.0	12	8.0	1.09
5302H5-12V	Green	12.0	12	8.0	1.09
5308H1	Red	2.1	20	68.0	1.00
5308H-5	Green	2.2	20	100.0	1.00
5308H7	Yellow	2.2	20	160.0	1.00



CIRCUIT BOARD INDICATORS SERIES 5350T

FEATURES: Perfect height and center spacing with 6 T-1 LEDs. Stackable. Labor-saving single-block installation. Standoffs prevent flux entrapment. Press-in pins hold part through soldering. Compact, only 5.6mm high housing: Black thermoplastic polyester, UL94V-0.

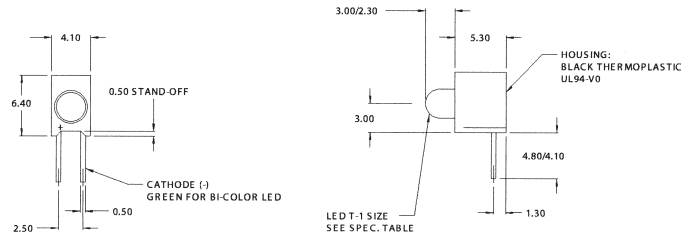
Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
5352T1-5V	Red	5.0	9.6	5.0	\$1.37
5352T3-5V	Amber	5.0	10	5.0	1.37
5352T5-5V	Green	5.0	10	5.0	1.37
5350T1LC	Red	1.8	2	.5	1.43
5350T5LC	Green	1.8	2	1.2	1.43
5350T7LC	Yellow	1.9	2	.5	1.43
5352T1-5VLC	Red	5.0	3.5	2.0	1.43
5352T3-5VLC	Amber	5.0	3.5	4.0	1.43
5352T5-5VLC	Green	5.0	3.5	2.0	1.43



CIRCUIT BOARD INDICATORS SERIES 5380

FEATURES: Block mounting, height and spacing alignment saves assembly cost and time. Super brite, high intensity light output, diffused lens. Built-in resistor chip operates off 5V supply without external resistor. Standoffs prevent flux entrapment. Housing: Black nylon, UL94V-0.

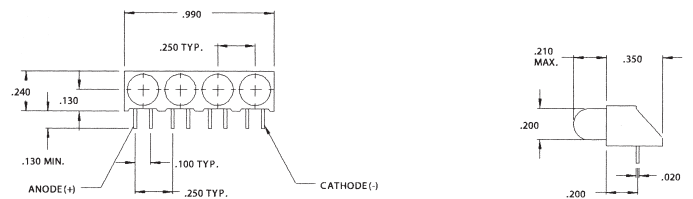
Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
5380E1	Red	1.7	20	3.0	\$.78
5380H5	Green	2.2	20	30.0	.78
5380H7	Yellow	2.1	20	25.0	.78
5380H1-5V	Red	5.0	10	5.5	1.09
5380H3-5V	Amber	5.0	10	7.0	1.09
5380H5-5V	Green	5.0	12	10.0	1.09



MINIATURE CIRCUIT BOARD INDICATORS T1 (3MM) LED BLOCK ASSEMBLY SERIES 5600F, 5602F

FEATURES: Small T-1 lamp pre-assembled into nylon plastic block. Height and spacing alignment, saves assembly cost. High light output—diffused lens. Low current—only 2mA. Built-in resistor chip operates off 5 volt supply without external resistor. Standoffs prevent flux entrapment. Housing: Black nylon, UL94V-0.

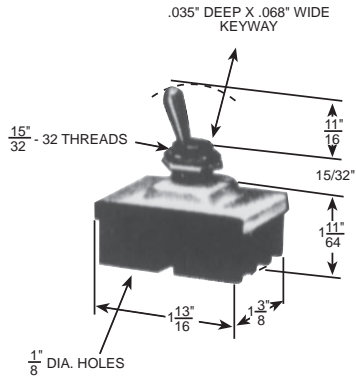
Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
5600F1	Red	2.0	10	6.0	\$.75
5600F5	Green	2.2	20	12.0	.75
5600F7	Yellow	2.1	20	20.0	.75
5600F3	Amber	2.0	10	5.0	.78
5602F1-5V	Red	5.0	10	8.0	1.09
5602F3-5V	Amber	5.0	10	8.0	1.09
5602F5-5V	Green	5.0	12	8.0	1.09



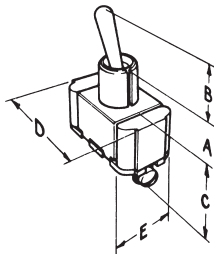
CIRCUIT BOARD QUAD ASSEMBLY INDICATORS SERIES 5640H

FEATURES: Quad assemblies with our T-1¼ LEDs allowing for easy installation—assures matched height and center to center spacing—reduces assembly time and cost. Low current—only 2mA. High light output and diffused lenses. Standoff prevent flux entrapment. Housing: Black nylon, UL94V-0.

Cat. No.	Lens Colour	Forward		Lumen mcd	Net Price
		Volts	mA		
5640H1	Red	2.0	10.0	6.3	\$3.34
5640H3	Amber	2.0	10.0	10.0	3.34
5640H5	Green	2.2	10.0	10.0	3.34



Cat. No.	Poles & Throw	Amps-A.C.		H.P.-A.C.		Term.	Net Price
		125V	250V	125V	250V		
7933K36	4PST	20	10	—	3/4	Screw	\$17.41
7934K36	4PST Center Off	20	10	—	3/4	Screw	19.59



EATON GENERAL PURPOSE TOGGLE SWITCHES 7300 & 7500 SERIES AC RATED

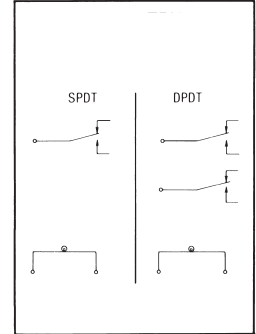
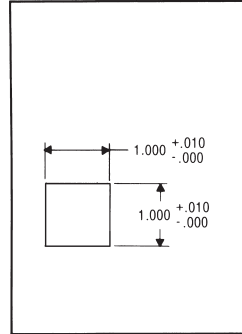
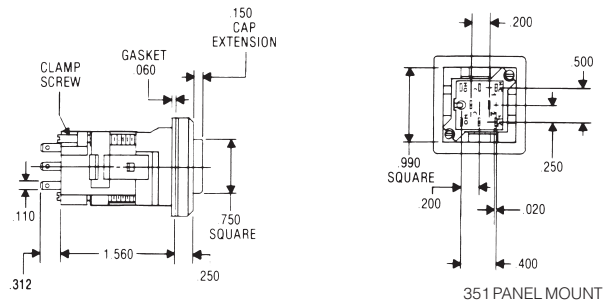
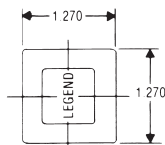
SPECIFICATIONS:

- One hole mount
- Slow make, slow break contacts
- Mounting hardware and terminal screws supplied unassembled
- Keyway—0.068" x 0.035" deep—provides antirotational feature
- Butt action contact mechanism designed specifically for use on AC and low voltage DC applications
- Threaded bushing—.468"-.32
- Ratings listed for 125VAC also apply at 28VDC
- Mounting hardware consists of two mounting nuts

Switch No.	Dimensions, Inches				
	A	B	C	D	E
7315K36	0.468	0.468	0.875	1.328	0.750
7506K4	0.469	0.563	1.000	1.171	0.625
7509K5	0.469	0.563	1.000	1.171	0.625

Cat. No.	Lever			Terminal	Net Price
	Up	Center	Down		
DPDT—15 AMP @ 125VAC; 6 AMP @ 250VAC					
7315K36	On	Off	On*	Screw	\$24.15
SPST—10 AMP @ 250VAC; 1/2HP @ 250VAC					
7506K4	Off	None	On*	Screw	5.89
SPDT—10 AMP @ 250VAC; 1/2HP @ 250VAC					
7509K5	On*	Off	On*	Screw	6.21

*Momentary Contact



EATON 351 SERIES 3/4" SQUARE SEALED ILLUMINATED PUSHBUTTON SWITCHES FOR T-1 1/4" WEDGE BASE INCANDESCENT LAMP (LESS LAMP)

FEATURES:

- Industrial-Commercial-Military use
- Meets requirements of MIL-S-22885
- Suitable for Application in Oiltight NEMA 4 and 13 enclosures
- Meets Double Insulating Requirements
- U.L. Recognized and C.S.A. Certified
- Front Panel Relampable
- Removable from Front of Panel
- Illuminated or Non-Illuminated

351 SERIES SPECIFICATIONS:

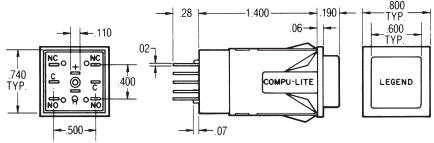
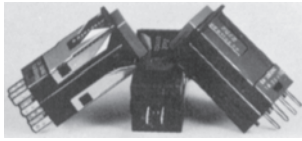
- Action:** Momentary; Alternate positive latch down. Break before make.
- Switch Circuitry:** Silver contacts, 10 Amps @ 125VAC or 250VAC; Gold contacts, 0.1 Amp @ 125VAC/DC; UL recognized, CSA certified.
- Switch Electrical Ratings:** Panel sealed by gasket; Switch sealed inside; Meets requirements of MIL-S-22885, splashproof; Suitable for application in oiltight NEMA 4 and 13 enclosures; Will operate with pushbutton under 1/2" column of water. .020" x .110" terminations suitable for solder or female 110 connectors.
- Sealing:** 3/4" square.
- Termination Type:** Front panel mounting; Stainless steel retaining clips; .040" to .188" panel thickness; Tighten from front or rear of panel; Military type mounting hardware.
- Pushbutton:** Front relampable; Lamp stationary to reduce mechanical shock to filament.
- Mounting:** .190".
- Lamp:**
- Pushbutton Travel:**

Cat. No. Terminations Solder Tab	Switch		Net Price
	Action	Circuit	

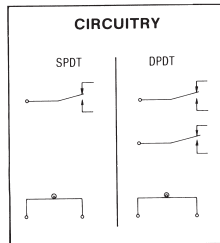
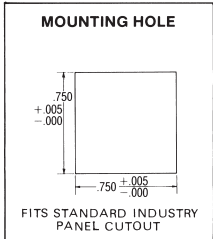
351 SERIES SEALED PANEL MOUNT BASE ASSEMBLIES (5AMP SILVER CONTACTS)			
351K11810	Momentary	SPDT	\$44.32
351K12810	Momentary	DPDT	32.68
351K21810	Alternate	SPDT	65.52
351K22810	Alternate	DPDT	32.94

PUSHBUTTON CAPS FOR 351 SERIES

Cat. No.	Translucent Colour	Net Price
MATTE FINISH		
250PM00A	Orange	\$1.63
250PM01A	White	1.63
250PM02A	Red	1.63
250PM03A	Green	1.63



221 PANEL MOUNT



EATON 221 SERIES ILLUMINATED PUSHBUTTON SWITCHES 5/8" SQUARE ILLUMINATED PUSHBUTTON SWITCHES

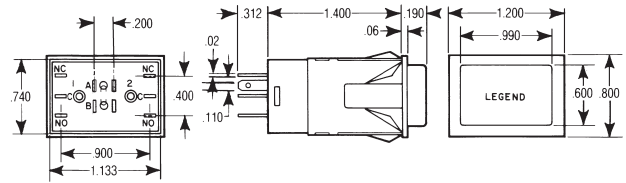
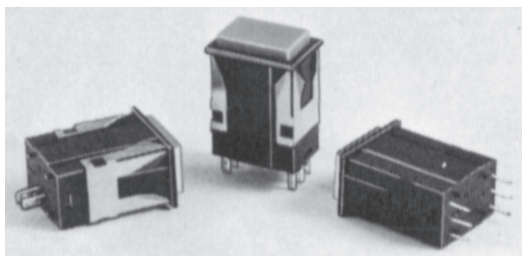
221 SERIES SPECIFICATIONS:

- Action:** Momentary; Alternate with positive latch down. Break before make.
- Switch Circuitry:** Silver contacts, 5 Amps @ 125VAC or 250VAC; Gold contacts, 1 Amp @ 125VAC or 30VDC; UL listed, CSA certified.
- Switch Electrical Ratings:** .025" x .110" suitable for solder or female 110 connectors, .020" x .025" for printed circuit board mount.
- Termination Types:** .025" x .110" suitable for solder or female 110 connectors, .020" x .025" for printed circuit board mount.
- Pushbuttons:** 5/8" square.
- Mounting:** Snap in panel mounting; stainless steel retaining clips; .040" x .188" panel thickness; PC board mounting.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** .190".

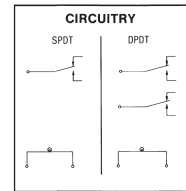
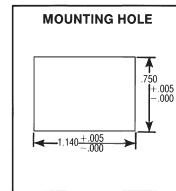
Cat. No. Terminations Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps.	
221 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES					
221K11810	Momentary	SPDT	Silver	5	\$14.19
221K11910	Momentary	SPDT	Gold	.1	14.78
221K12810	Momentary	DPDT	Silver	5	16.39
221K12910	Momentary	DPDT	Gold	.1	21.11
221K21810	Alternate	SPDT	Silver	5	14.62
221K22810	Alternate	DPDT	Silver	5	18.09
221K22910	Alternate	DPDT	Gold	.1	21.47

PUSHBUTTON CAPS FOR 221 SERIES

Cat. No.	Colour	Net Price
MATTE FINISH		
220PM00A	Orange	\$1.63
220PM01A	White	1.63
220PM02A	Red	1.50
220PM03A	Green	1.63



200, 201, 206 PANEL MOUNT



EATON 200, 201, 206 5/8" x 1" RECTANGULAR, NON-ILLUMINATED, ILLUMINATED PUSHBUTTON SWITCHES

200, 201, 206 SERIES SPECIFICATIONS:

- Action:** Momentary; Alternate with positive latch down. Break before make.
- Switch Circuitry:** Silver contacts, 5 Amps @ 125VAC or 250VAC; Gold contacts, 1 Amp @ 125VAC or 30VDC; UL listed, CSA certified.
- Switch Electrical Ratings:** .020" x .110" terminations suitable for solder or female 110 connectors, .020" x .025" terminations for printed circuit board mount.
- Termination Types:** .020" x .110" terminations suitable for solder or female 110 connectors, .020" x .025" terminations for printed circuit board mount.
- Pushbuttons:** 5/8" x .188" panel thickness; PC board mounting.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** .190".

EATON 5/8" x 1" RECTANGULAR NON-ILLUMINATED PUSHBUTTON SWITCHES

Cat. No. Terminations Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps.	
200 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES					
200K11810	Momentary	SPDT	Silver	5	\$12.29

EATON 5/8" x 1" RECTANGULAR ILLUMINATED PUSHBUTTON SWITCHES FOR T-1 1/4 WEDGE BASE INCANDESCENT LAMP (LESS LAMP)

Cat. No. Terminations Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps.	
201 SERIES DUAL-LAMP PANEL MOUNT SWITCH BASE ASSEMBLIES					
201K12810	Momentary	DPDT	Silver	5	\$17.98
201K22810	Alternate	DPDT	Silver	5	19.14

EATON 5/8" x 1" RECTANGULAR ILLUMINATED PUSHBUTTON SWITCHES FOR TWO T-1 1/4 WEDGE BASE INCANDESCENT LAMPS (LESS LAMPS)

Cat. No. Terminations Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps.	
206 SERIES DUAL-LAMP PANEL MOUNT SWITCH BASE ASSEMBLIES					
206K12810	Momentary	DPDT	Silver	5	\$21.47
206K22810	Alternate	DPDT	Silver	5	21.90

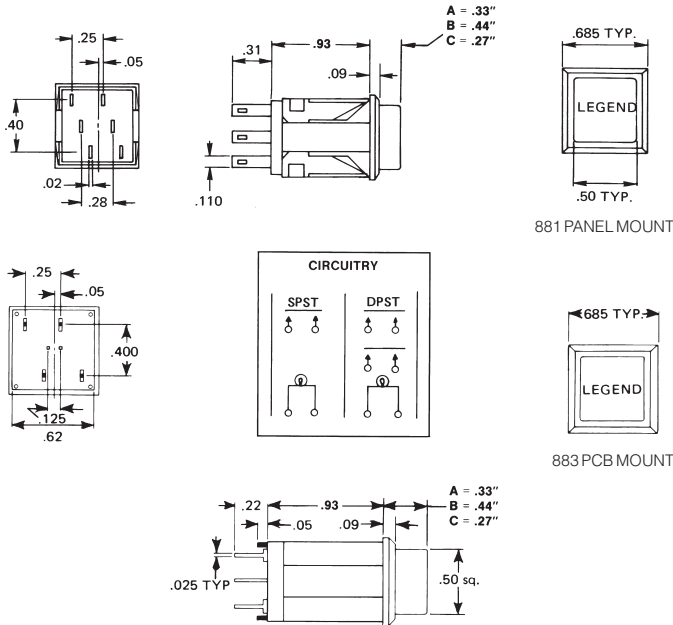
SOLID COLOUR PUSHBUTTON CAPS FOR 200, 201, 206 SERIES

Cat. No.	Colour	Net Price
200PM00A	Orange	\$1.63
200PM01A	White	1.63
200PM02A	Red	1.63
200PM03A	Green	1.50
200PM04A	Yellow	1.63
200PM05A	Blue	1.63

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HORIZONTAL SPLIT LENS PUSHBUTTON CAPS FOR 206 SERIES

Cat. No.	Colour	Net Price
206PM0201S	Red/White	\$5.33
206PM0203S	Red/Green	5.33
206PM0301S	Green/White	5.55



EATON ILLUMINATED PUSHBUTTON SWITCHES EATON 881, 883 SERIES 1/2" SQUARE ILLUMINATED PUSHBUTTON SWITCHES FOR T-1 3/4" BI PIN BASE INCANDESCENT LAMPS (LESS LAMPS)

881, 883 SERIES SPECIFICATIONS:

- Action:** Illuminated panel mount. Momentary; Alternate with positive latch down.
- Electrical Ratings:** Silver contacts, 6 Amp @ 125VAC or 3 Amps @ 250VAC; UL listed.
- Terminations:** .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
- Pushbuttons:** 1/2" square, height "A" above bezel, 0.24".
- Mounting:** Snap in panel mounting in 0.625" square cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** 0.220".

EATON 1/2" SQUARE ILLUMINATED PUSHBUTTON SWITCHES FOR T-1 3/4" BI PIN BASE INCANDESCENT LAMPS (LESS LAMPS)

Cat. No	Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
				Material	Amps	
881 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES						
881K11810		Momentary	SPST	Silver	6	\$11.40
881K21810		Alternate	SPST	Silver	6	12.27
881K23810		Alternate	DPST	Silver	6	16.69
886L10		Matching Indicator for 881 Series				17.53

PUSHBUTTON CAPS FOR 881/883 SERIES

Cat. No.	Lens Colour	Lens Finish	Net Price
880PM00A	Orange	Matte	\$1.50
880PM01A	White	Matte	1.41
880PM02A	Red	Matte	1.50
880PM03A	Green	Matte	1.50
880PM04A	Yellow	Matte	1.50
880PT00A	Orange	Translucent	1.50
880PT01A	White	Translucent	1.41
880PT02A	Red	Translucent	1.50
880PT03A	Green	Translucent	1.50
880PT04A	Yellow	Translucent	1.50
880PT05A	Blue	Translucent	1.50

NOTE: For 120VAC operation use 7A1H neon lamp; requires external 47K resistor.

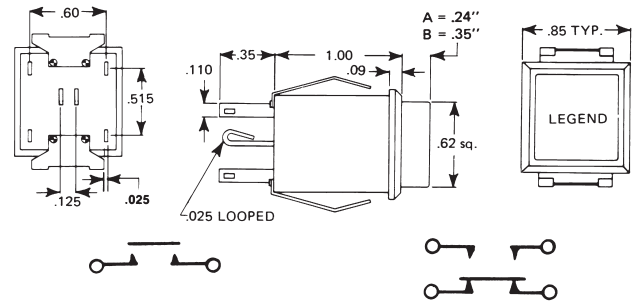
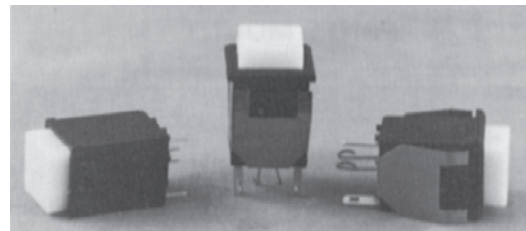
CUSTOM ENGRAVED LEGENDS

Electro Sonic provides custom engraving of all plastic indicator and pushbutton caps supplied from our stock. Delivery in 7 to 10 days. When ordering, full details should be provided on a drawing or sketch. Specify whether black or white letters are desired. Black letters are suggested on light colours such as white, orange, and yellow; white letters are more effective on red, green, and blue. Prices are as follows:

ENGRAVING PER BUTTON*

Cat. No.	
1 LINE	
2 LINE	
3 LINE	

*Quantity prices apply only when all buttons are the same, with the same legend on each button. Split legends (two separate inserts in one cap) are charged as two caps.
NOTE: Contact your Electro Sonic sales representative for pricing.



EATON 850 SERIES 5/8" SQUARE ILLUMINATED PUSH-BUTTON SWITCHES FOR T-1 3/4" BI PIN BASE INCANDESCENT LAMPS (LESS LAMPS)

850 SERIES SPECIFICATIONS:

- Action:** Illuminated panel mount. Momentary. Electrical Ratings: Gold contacts, 0.25 Amp @ 125VAC or 30VDC.
- Terminations:** .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
- Pushbuttons:** 5/8" square; height "A" above bezel, 0.18".
- Mounting:** Snap in panel mounting in 0.755" square cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** 0.090".

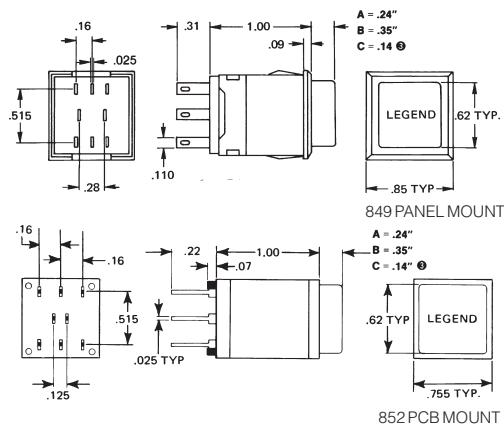
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Cat. No. Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps	
850 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES					
850K15910	Momentary	DPSTNO/NC	Gold	.25	\$20.09

PUSHBUTTON CAPS FOR 850 SERIES

Cat. No.	Lens Colour	Lens Finish	Net Price
850PT01A	White	Translucent	\$2.43
850PT02A	Red	Translucent	1.43
850PT03A	Green	Translucent	1.43
850PT04A	Yellow	Translucent	2.45

Note: For 120VAC operation use **7A1H** neon lamp; requires external 47K resistor.



EATON ILLUMINATED PUSHBUTTON SWITCHES

EATON 849, 852 SERIES 3/8\"/>

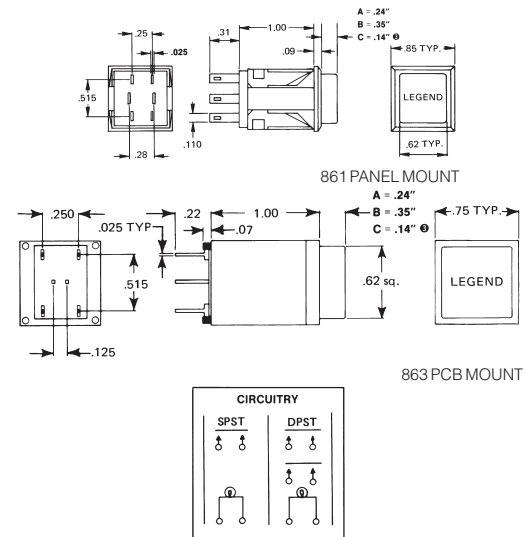
849, 852 SERIES SPECIFICATIONS:

- Action:** Illuminated panel mount. Momentary; Alternate with positive latch down.
- Electrical Ratings:** Silver contacts, 3 Amps @ 125VAC or 250VAC; Gold contacts, 0.25 Amp @ 125VAC or 30VDC; UL listed, CSA certified.
- Terminations:** .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
- Pushbuttons:** 3/8" square; height "A" above bezel, 0.24".
- Mounting:** Snap in panel mounting in 0.755" square cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips; barrier mount available.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** 0.220".

Cat. No. Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price	
			Material	Amps		
849 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES						
849K11810	Momentary	SPDT	Silver	3	\$28.48	
849K11811*	Momentary	SPDT	Silver	3	16.62	
849K12810	Momentary	DPDT	Silver	3	24.76	
849K12811*	Momentary	DPDT	Silver	3	24.76	
849K21810	Alternate	SPDT	Silver	3	19.91	
849K22810	Alternate	DPDT	Silver	3	27.50	
849K22811*	Alternate	DPDT	Silver	3	27.50	
845L10	Matching Indicator for 849 Series					10.07

Cat. No.	Lens Colour	Lens Finish	Net Price
849PM00A	Orange	Matte	\$2.25
849PM01A	White	Matte	2.25
849PM02A	Red	Matte	2.43
849PM03A	Green	Matte	2.43
849PM04A	Yellow	Matte	2.43
849PM05A	Blue	Matte	2.43
849PT00A	Orange	Translucent	2.43
849PT01A	White	Translucent	2.43
849PT02A	Red	Translucent	2.25
849PT03A	Green	Translucent	2.52
849PT04A	Yellow	Translucent	2.43
849PT05A	Blue	Translucent	2.43

*These switches have vertical barriers included in the mounting.
Note: For 120VAC operation use **7A1H** neon lamp; requires external 47K resistor.



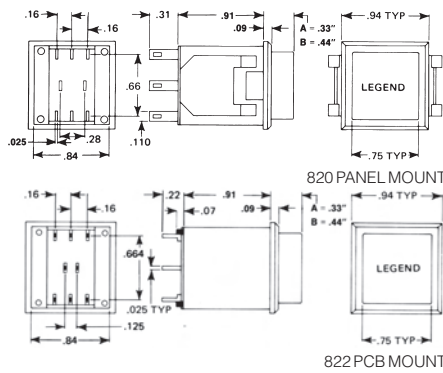
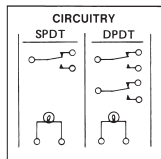
861, 863 SERIES SPECIFICATIONS:

- Action:** Illuminated panel mount. Momentary; Alternate with positive latch down.
- Electrical Ratings:** Silver contacts, 6 Amps @ 125VAC or 3 Amps @ 250VAC; Gold contacts, 0.25 Amp @ 125VAC or 30VDC; UL listed.
- Terminations:** .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
- Pushbuttons:** 3/8" square; height "A" above bezel, 0.24".
- Mounting:** Snap in panel mounting in 0.755" square cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips; barrier mount available.
- Lamps:** Front relampable; lamp stationary to reduce mechanical shock to filament.
- Pushbutton Travel:** 0.220".

Cat. No. Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price	
			Material	Amps		
861 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES						
861K11810	Momentary	SPST	Silver	6	\$13.69	
861K13810	Momentary	DPST	Silver	6	15.49	
861K21810	Alternate	SPST	Silver	6	17.50	
861K23810	Alternate	DPST	Silver	6	19.79	
845L10	Matching Indicator for 861 Series					10.07

PUSHBUTTON CAPS FOR 861/863 SERIES

Cat. No.	Lens Colour	Lens Finish	Net Price
849PM00A	Orange	Matte	\$2.25
849PM01A	White	Matte	2.25
849PM02A	Red	Matte	2.43
849PM03A	Green	Matte	2.43
849PM04A	Yellow	Matte	2.43
849PM05A	Blue	Matte	2.43
849PT00A	Orange	Translucent	2.43
849PT01A	White	Translucent	2.43
849PT02A	Red	Translucent	2.25
849PT03A	Green	Translucent	2.52
849PT04A	Yellow	Translucent	2.43
849PT05A	Blue	Translucent	2.43



ILLUMINATED PUSHBUTTON SWITCHES

820, 822 SERIES SPECIFICATIONS:

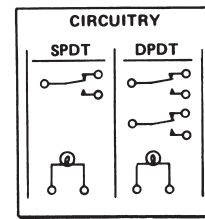
Action: Illuminated panel mount.
Momentary; Alternate with positive latch down.
Electrical Ratings: Silver contacts, 3 Amps @ 125VAC or 250VAC; Gold contacts, 0.25 Amp @ 125VAC or 30VDC; UL listed, CSA certified.
Terminations: .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
Pushbuttons: 3/4" square; height "A" above bezel, 0.24".
Mounting: Snap-in panel mounting in .0875" square cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips; barrier mount available.
Lamps: Front relampable; lamp stationary to reduce mechanical shock to filament.
Pushbutton Travel: 0.220".

Cat. No. Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps	
820 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES					
820K11810	Momentary	SPDT	Silver	3	\$21.90
820K12810	Momentary	DPDT	Silver	3	28.36
825L10	Matching Indicator for 820 Series				13.04

PUSHBUTTON CAPS FOR 820/822 SERIES

Cat. No.	Lens Colour	Lens Finish	Net Price
820PM01A	White	Matte	\$3.99
820PM02A	Red	Matte	3.99
820PM03A	Green	Matte	3.99
820PM04A	Yellow	Matte	3.99
820PT00A	Orange	Translucent	3.99
820PT01A	White	Translucent	3.99
820PT03A	Red	Translucent	3.99
820PT04A	Yellow	Translucent	3.99

Note: Use 7A1H neon lamp; requires external 35k resistor.
Note: For 120VAC use 7A1H neon lamp; requires external 47k resistor.



810, 812 SERIES SPECIFICATIONS:

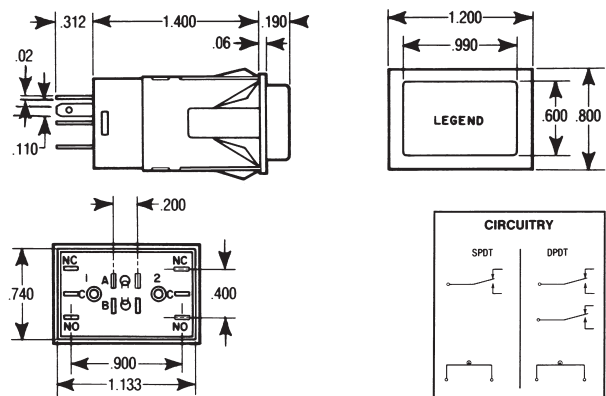
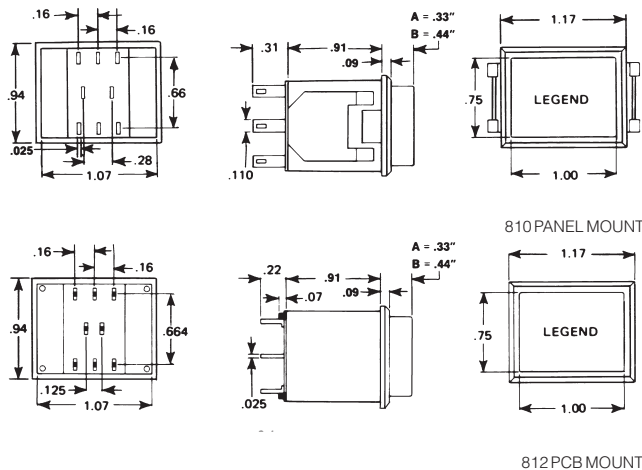
Action: Illuminated panel mount.
Momentary; Alternate with positive latch down.
Electrical Ratings: Silver contacts, 3 Amps @ 125VAC or 250VAC; Gold contacts, 0.25 Amp @ 125VAC or 30VDC; UL listed, CSA certified.
Terminations: .025" x .110" suitable for solder or female 110 connectors; epoxy sealed.
Pushbuttons: 3/4" x 1" rectangular; height "A" above bezel, 0.24".
Mounting: Snap in panel mounting in 0.875" x 1.10" cutout; 1/16" to 3/16" panel thickness; stainless steel retaining clips; barrier mount available.
Lamps: Front relampable; lamp stationary to reduce mechanical shock to filament.
Pushbutton Travel: 0.220".

Cat. No. Termination Solder Tab	Switch Action	Switch Circuit	Contacts		Net Price
			Material	Amps	
810 SERIES PANEL MOUNT SWITCH BASE ASSEMBLIES					
810K11810	Momentary	SPDT	Silver	3	\$20.95
810K12810	Momentary	DPDT	Silver	3	26.91
810K21810	Alternate	SPDT	Silver	3	24.08
810K22810	Alternate	DPDT	Silver	3	30.11
815L10	Matching Indicator for 810 Series				10.41

PUSHBUTTON CAPS FOR 810/812 SERIES

Cat. No.	Lens Colour	Finish	Net Price
810PM01A	White	Matte	\$3.99
810PM02A	Red	Matte	3.99
810PM03A	Green	Matte	3.99
810PM04A	Yellow	Matte	3.99
810PT00A	Orange	Translucent	3.99
810PT01A	White	Translucent	3.72
810PT02A	Red	Translucent	3.72
810PT03A	Green	Translucent	3.72
810PT04A	Yellow	Translucent	3.72

Note: Use 7A1H neon lamp; requires external 35k resistor.
Note: For 120VAC operation use 7A1H neon lamp; requires external 35K resistor.



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EATON ILLUMINATED PUSHBUTTON SWITCHES

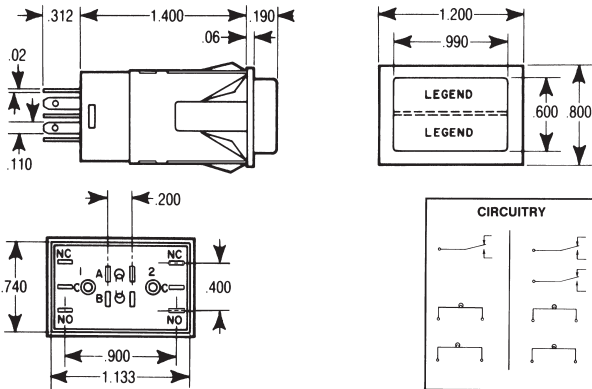
301 SERIES SPECIFICATIONS:

Action: Momentary; Alternate with positive latch down.
Switch Circuitry: Break before make; SPDT or DPDT.
Electrical Ratings: Silver contacts, 10 Amps @ 125VAC or 5 Amps @ 250VAC; CSA certified.
Termination Types: .020" x .110" terminations suitable for solder or female 110 connectors; .020" x .025" terminations for PC board mount.
Pushbuttons: 5/8" x 1" rectangular.
Mounting: Snap-in panel mounting; stainless steel retaining clips; .030" to .188" panel thickness; PC board mounting; Barrier mounting available.
Lamps: Front relampable; Lamp stationary to reduce mechanical shock to filament.
Pushbutton Travel: .190".

Cat. No. Solder Tab Terminations	Switch Action	Switch Circuit	Net Price
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301 SERIES SEALED PANEL MOUNT SWITCH BASE ASSEMBLIES (10 AMP SILVER CONTACTS)

301K12810	Momentary	DPDT	\$23.22
301K22810	Alternate	DPDT	46.33



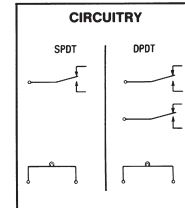
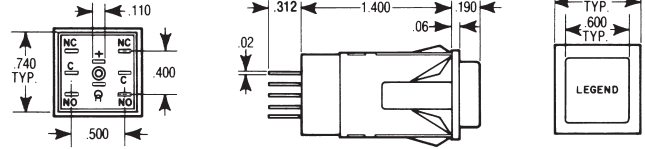
306 SERIES SPECIFICATIONS:

Action: Momentary; Alternate with positive latch down.
Switch Circuitry: Break before make; SPDT or DPDT; 2 independent lamp circuits.
Electrical Ratings: Silver contacts, 10 Amps @ 125VAC, 5 Amps @ 250VAC; CSA certified.
Termination Types: .020" x .110" terminations suitable for solder or female 110 connectors; .020" x .025" terminations for PC board mount.
Pushbuttons: 5/8" x 1" rectangular; full or horizontal split lens.
Mounting: Snap-in panel mount; stainless steel retaining clips; .030" to .188" panel thickness; barrier mount available.
Lamp: Front relampable; lamps stationary to reduce mechanical shock to filament. Lamp No. T-1-3/4 Wedge Base.
Pushbutton Travel: .190".

Cat. No. Solder Tab Terminations	Switch Action	Switch Circuit	Net Price
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306 SERIES SEALED PANEL MOUNT SWITCH BASE ASSEMBLIES (10 AMP SILVER CONTACTS)

306K21810	Alternate	SPDT	\$21.24
208L10	Matching indicator for 306 Series		12.22



EATON 321 SERIES 5/8" SQUARE ILLUMINATED PUSHBUTTON SWITCHES

321 SERIES SPECIFICATIONS:

Action: Momentary; alternate with positive latch down.
Switch Circuitry: Break before make; SPDT or DPDT.
Electrical Ratings: Silver contacts, 10 Amps @ 125VAC, 5 Amps @ 250VAC; CSA certified.
Termination Types: .020" x .110" terminations suitable for solder or female 110 connectors; .020" x .025" terminations for printed circuit board mount.
Pushbuttons: 5/8" square.
Mounting: Snap-in panel mounting; stainless steel retaining clips; .030" to .188" panel thickness; barrier mount available.
Lamps: Front relampable; lamps stationary to reduce mechanical shock to filament.
Pushbutton Travel: .90".

Cat. No. Solder Tab Terminations	Switch Action	Switch Circuit
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321 SERIES SEALED PANEL MOUNT SWITCH BASE ASSEMBLIES (10 AMP SILVER CONTACTS)

321K12810	Momentary	DPDT
321K21810	Alternate	SPDT
321K22810	Alternate	DPDT
224L10	Matching indicator lamp	

NOTE: Contact your Electro Sonic sales representative for pricing.



EATON NEW GENERATION ROCKER (NGR) SERIES SWITCHES

This line of full sized rocker switches, initially developed for Heavy Truck Industry, offers European styling, ergonomic design, with the solid durability you've come to expect from our switches. Illuminated and non-illuminated versions are available. The illuminated version can accommodate two dependent or independent lamps with a full range of popular switching circuits. Illumination is supplied either through snap-in lenses or via a single piece back-lit rocker. Rocker and bezels for the NGR Series are molded in a soft matte finish. The illuminated single piece back-lit versions have four small "dimples" molded across the top of their rockers in order to ensure a positive tactile feel during actuation. Bulb voltage for illuminated switches: 14VDC. Ratings: 15 amps @ 125V ac, 10 amps @ 250V ac, 15 amps @ 28V dc. Terminal type: Standard .250" spade, silver-plated copper alloy. Base material: High grade thermoplastic molded material, black. Dielectric: 1000 volts RMS, minimum. Mounting: Snap-in. Order base, rocker and lens separately.

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Cat. No.	Switch Action	Switch Circuit	Lamps	Net Price
NGR10011BN00N	On-None-Off	SPST	—	\$5.76
NGR10031BN00N	On-None-On	SPDT	—	6.39
NGR10041BN00N	On-Off-On	SPDT	—	6.39
NGR10051BN00N	Mom On-Off-Mom On	SPDT	—	6.42
NGR20011BN00N	On-None-Off	DPST	—	7.30
NGR20031BN00N	On-None-On	DPDT	—	8.46
NGR20041BN00N	On-Off-On	DPDT	—	8.46
NGR20051BN00N	On-None-Off	DPDT	—	8.55
NGR15011BNA0N	On-None-Off	SPST	1	9.52
NGR15481BNAAN	On-None-On	SPDT	2	11.47
NGR15681BNAAN	On-Off-On	SPDT	2	11.47
NGR15881BNAAN	Mom On-Off-Mom On	SPDT	2	11.50
NGR25011BNA0N	On-None-Off	DPST	1	11.04
NGR25481BNAAN	On-None-On	DPDT	2	12.74
NGR25681BNAAN	On-Off-On	DPDT	2	13.69

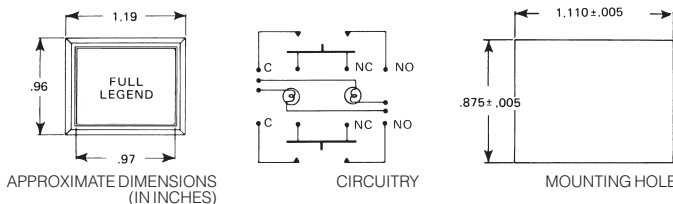
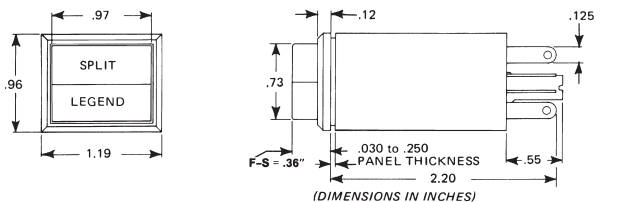
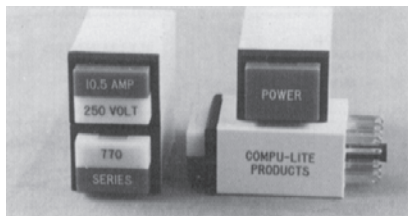
NOTE: 14VDC and 28VDC are available in incandescent clear and LED.

ACCESSORIES FOR NGR SERIES

Cat. No.	Description	Net Price
1D0000000000	Two face rocker button, black, no lamp	\$.66
2A0005000000	Two face rocker button, black, 1 lamp (Top)	.66
2B0000000050	Two face rocker button, black, 1 lamp (Bottom)	.63
2C0005000050	Two face rocker button, black, 2 lamps	.66

SERIES NGR ROCKER SWITCH LENSES

Cat. No.	Description	Net Price
28-5863-2	Red snap-in lens	\$.23
28-5863	Green snap-in lens	.25
28-5863-3	Amber snap-in lens	.25
28-5863-9	Blue snap-in lens	.25
28-5863-8	White snap-in lens	.27



ILLUMINATED PUSHBUTTON SWITCHES

770 SERIES SPECIFICATIONS:

- Action:** Snap action power switch. Illuminated panel mount. Momentary; Alternate with positive latch down.
- Electrical Ratings:** Silver contacts; 10.5 Amps @ 125VAC or 250VAC; UL listed, CSA certified.
- Terminations:** .025" x .125" suitable for solder or female disconnects; epoxy sealed.
- Pushbuttons:** 0.73" x 0.97" rectangular; height "F" above bezel, 0.24"; translucent colours, matte finish only; full legend.
- Mounting:** Snap in panel mounting retained by molded sleeve and nut; may be individually mounted or gang mounted in horizontal or vertical rows; mounting hole 1.110" x 0.875"; panel thickness 0.030" to 0.250"; barrier mount available.
- Lamps:** Two independent lamp circuits; accepts two T-1 1/4 midget flange base lamps, incandescent or neon; front relampable.
- Pushbutton Travel:** 0.220".

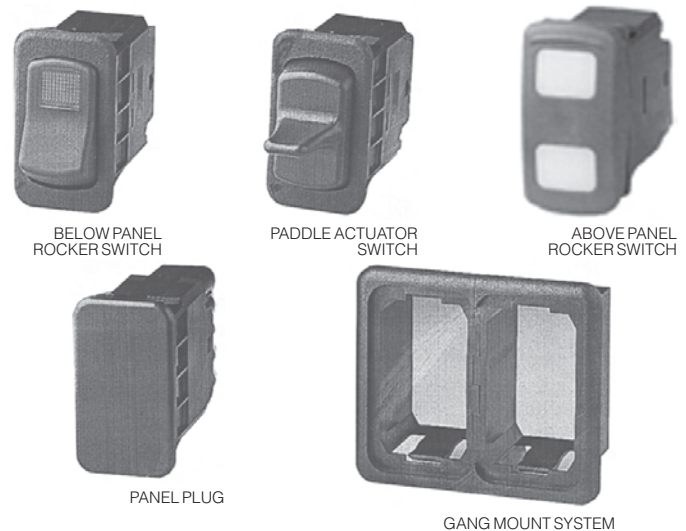
.73" X .97" RECTANGULAR ILLUMINATED PUSHBUTTON SWITCHES FOR TWO T-1 1/4 MIDGET FLANGE BASE LAMPS

Cat. No.	Switch Action	Switch Circuit	Mounting Barriers	Net Price
770K11810	Momentary	SPDT	No	\$50.42
770K11811	Momentary	SPDT	Vertical	50.42
770K12810	Momentary	DPDT	No	61.19
770K12811	Momentary	DPDT	Vertical	61.19
770K21810	Alternate	SPDT	No	58.11
770K21811	Alternate	SPDT	Vertical	56.75
770K22810	Alternate	DPDT	No	69.78
770K22811	Alternate	DPDT	Vertical	69.76
775L10	Matching Indicator for 770 Series			36.93

PUSHBUTTON CAPS FOR 770 SERIES

Cat. No.	Lens Colour	Cap Height	Net Price
MATTE FINISH			
770PM00F	Orange	Full .36"	\$14.51
770PM01F	White	Full .36"	14.49
770PM02F	Red	Full .36"	14.49
770PM03F	Green	Full .36"	14.51
770PM0203S	Red/Green	Split .36"	18.18

Note: For 120VAC operation use 7A1H neon lamp; requires external 47k resistor.



EATON SEALED VEHICLE ROCKER SWITCHES—SVR SERIES

Eaton Sealed Vehicle Rocker (SVR) Switch series now includes an above panel actuator (see pictures above). Original design below panel rocker and paddle actuator styles are also available. The SVR switch family offers design flexibility by offering a wide range of circuits and actuator types as well as the distinct look and feel typical of Eaton's switch product. All SVR designs are sealed at the front and back of the switch and now meet the rigorous sealing requirements of IP68. When specified, the above panel rocker switch uses a panel seal to prevent debris and moisture from ingress behind the panel. SV is designed to meet the severe environmental requirements of construction and agricultural markets.

SPECIFICATIONS: Electrical ratings: 50,000 cycles @ 12A at either 12 or 24VDC. Dielectric strength: 1500V RMS, minimum. Circuits: Up to 2-pole, 3-position, with momentary and maintained capabilities. Mechanical life: 250,000 operation minimum. Terminal type: Standard 0.110" (2.8mm) tin-plated copper alloy spade terminal. Mounting means: Snap-in mounting with plastic bezel. Mounting hole: Standard panel cutout of 36.85mm x 21.08mm. Sealing: Moisture resistant to IP68. Rocker: SVR now offers three actuator types, the new above panel actuator style, as well as the original rocker and paddle actuators, both used in the below panel frame. Lighting: Each switch is capable of accommodating two LEDs which can be oriented to be either circuit dependent or independent. Snap-in lenses are available in four standard colours, white, amber, green, and red.

OPTIONS: Additional colours of rockers, mounting bezels and lenses are available. Special circuits. Special ratings. Pad-printed legends on lens, rocker and bezel. Low current capabilities. Custom back-lit legends available. Gang mount system available. Panel seal for above panel actuator.

Continued on next page....



K6 AND K12 SERIES MINIATURE ILLUMINATED TACTILE SWITCHES

100mA at 30VDC max. SPST, normally open, momentary function switch with distinctive tactile feel and long travel (1.5mm). Central-mounted LED allows leg-end backlighting or switch status indication. Compact size is approx. 7.5 x 11 x 8.4mm high. Operating life rating of 200,000 actuations. Compatible with wave soldering process. Contacts are gold over nickel. **OPERATING TEMPERATURES:** are -40°C to +85°C. **APPLICATIONS:** Automotive interiors, Off-road vehicles, Industrial controls, Professional audio equipment, mainframe computers and Network servers.

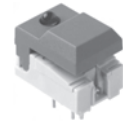
Cat. No.	Switch Style	LED Colour	Height above PC (mm)	Force (N)	Net Price	
					1-499	500-Up
MOUNTING STYLE: PC						
K6B1.53N	7.5 x 11	none	8.4	3.0	\$2.11	
K6B1.55N	7.5 x 11	none	8.4	5.0	2.11	
K6BLGN1.53N	7.5 x 11	Green	12.3	3.0	2.11	
K6BLGN1.55N	7.5 x 11	Green	12.3	5.0	2.11	
K6BLOG1.53N	7.5 x 11	Orange	12.3	3.0	2.11	
K6BLOG1.55N	7.5 x 11	Orange	12.3	5.0	2.11	
K6BLRD1.53N	7.5 x 11	Red	12.3	3.0	2.11	
K6BLRD1.55N	7.5 x 11	Red	12.3	5.0	1.79	
K6BLYE1.53N	7.5 x 11	Yellow	12.3	3.0	1.79	
K6BLYE1.55N	7.5 x 11	Yellow	12.3	5.0	1.35	



D6 SERIES TACTILE KEY SWITCHES

6VA or 100 mA at 60V AC or DC max. SPST N.O. momentary function. Body size is 12 x 12mm with built-in button (large colour selection). Compatible with wave-soldering. Light tactile force of 1.3N. Silver-plated contacts. **OPERATING TEMPERATURE:** -20°C to +85°C. **APPLICATIONS INCLUDE:** industrial controls, instrumentation and industrial appliances and machines.

Cat. No.	Switch Style	Button Colour	Height above PC (mm)	Force (N)	Net Price Each	
					1-499	500-Up
MOUNTING STYLE: PC						
D6C00	Square	White	10.0	1.3	\$.86	\$.62
D6C40	Square	Red	10.0	1.3	.86	.62
D6C50	Square	Green	10.0	1.3	.86	.62
D6C90	Square	Black	10.0	1.3	.86	.62
D6R00	Round	White	13.0	1.3	.86	.62
D6R40	Round	Red	13.0	1.3	.86	.62
D6R50	Round	Green	13.0	1.3	.86	.62
D6R90	Round	Black	13.0	1.3	.86	.62



DIGITAST SERIES KEY SWITCHES

1VA at 50V AC or DC max. SPST N.O. momentary (OA) or push-push (EE) functions. Body size: 12mm x 17mm. PC mounting. Large selection of cap types and colours available. Zero, one or two LED options (green, red, or yellow). Compatible with wave soldering process. Gold plated contacts. **OPERATING TEMPERATURE:** -25°C to +85°C. Trya packaging. **APPLICATIONS INCLUDE:** professional audio consoles, medical instrumentation, calling centres, plant automation panels. **NOTE:** if you cannot find your combination below, please contact your Electro Sonic sales representative.

Cat. No.	Button Style	Button Colour	LED	Height above PC (mm)	Net Price Each	
					1-499	500-Up
SWITCH STYLE: PUSH-PUSH						
SERBKAUEE	R	Black	none	14.3	\$6.90	\$5.61
SETBKAUEE	T	Black	none	14.3	6.96	5.66
SETLBKRDAUEE	T	Black	1 red	14.3	8.34	6.78
SERRDAUEE	R	Red	none	14.3	9.64	7.83
SET2LRDRDGNAAUEE	T	Red	1 red, 1 green	14.3	9.64	7.83
SER2LRDRDRDAUEE	R	Red	2 red	14.3	9.64	7.83
SWITCH STYLE: MOMENTARY						
SERBKAUOA	R	Black	none	14.3	9.64	7.83
SERLBKRDAUOA	R	Black	1 red	14.3	3.69	3.69
SETLBKRDAUOA	T	Black	1 red	14.3	5.25	4.27
SERRDAUOA	R	Red	none	14.3	3.81	3.10
SER2LRDRDRDAUOA	R	Red	2 red	14.3	5.25	4.27

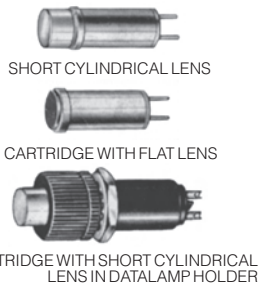


PVA SERIES LONG TRAVEL KEY SWITCHES

3VA or 100ma at 30V AC or DC max. DPST or DPDT with momentary or pushbutton functions. Body size: 9 x 10mm. Compatible with wave soldering process. Light force (1.5 N) with extended travel (2.4mm). Large selection of standard add-on caps. Silver plated contacts. Multiswitch chassis on request. **OPERATING TEMPERATURE:** -40°C to +85°C. **APPLICATIONS INCLUDE:** automotive interiors, professional audio and consumer appliances.

Cat. No.	Mechanical Function	Electrical Function	Height above PC w/o add-on cap (mm)	Net Price Each	
				1-499	500-Up
PVA1OAH1	Momentary	DPST	17.5	\$1.01	\$.79
PVA1EEH1	Push-push	DPST	17.5	1.19	.93
PVA1OAH2	Momentary	DPST	23.0	1.11	.87
PVA1EEH2	Push-push	DPST	23.0	1.29	1.01
PVA2OAH1	Momentary	DPST	17.5	1.21	.95
PVA2EEH1	Push-push	DPDT	17.5	1.39	1.09
PVA2OAH2	Momentary	DPDT	23.0	1.31	1.03
PVA2EEH2	Push-push	DPDT	23.0	1.49	1.17
PVA2OAH5	Momentary	DPDT	13.0	1.21	.95

Dialight



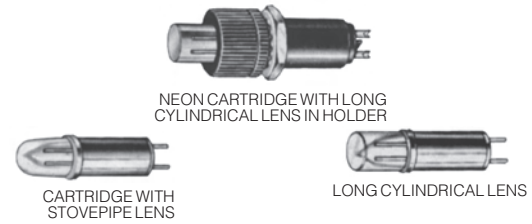
DIALIGHT DATALITES

For data processing equipment, computers and all other applications requiring ultra miniature indicator lights. Datalites consist of (1) **Datalamp Cartridges**—a plug-in, replaceable light source; accommodated by (2) **Datalamp Holders**—made of rugged, light weight aluminum. Datalamp Cartridges consists of T-1-3/4 incandescent lamps, or neon lamps, mounted in aluminum sleeves and capped with plastic lenses. Insulated pins are offset to provide polarization. Clear anodize finish. The neon datalamp cartridges have current limiting resistors.

DIALIGHT INCANDESCENT DATALAMP CARTRIDGES

Cat. No.	Colour	Net Price
SHORT CYLINDRICAL LENS SHAPE		
14.0 VOLT, 0.080 AMP, 750 HOUR LAMP		
507-3913-1471-600	Translucent Red	\$14.35
507-3913-1472-600	Translucent Green	10.80
507-3913-1473-600	Translucent Amber	9.18
SHORT CYLINDRICAL LENS SHAPE		
14.0 VOLT, 0.080 AMP, 50,000 HOUR LONG LIFE LAMP		
507-3914-1437-600	Clear	14.41
SHORT CYLINDRICAL LENS SHAPE		
28 VOLT, 0.040 AMP, 25,000 HOUR LONG LIFE LAMP		
507-3918-1431-600	Transparent Red	8.18
507-3918-1432-600	Transparent Green	13.57
507-3918-1433-600	Transparent Amber	8.65
507-3918-1435-600	Transparent White	8.18
507-3918-1437-600	Clear	7.16
507-3918-1471-600	Translucent Red	7.16
507-3918-1472-600	Translucent Green	6.65
507-3918-1473-600	Translucent Amber	7.16
507-3918-1474-600	Translucent Blue	16.15
507-3918-1475-600	Translucent White	7.16
507-3918-1476-600	Translucent Yellow	14.41
FLAT LENS SHAPE		
28 VOLT, 0.040 AMP, 1000 HOUR LAMP		
507-3917-0371-600*	Translucent Red	13.63
507-3917-0372-600*	Translucent Green	14.41
507-3917-0373-600*	Translucent Amber	14.41
507-3917-1431-600	Transparent Red	14.41
507-3917-1437-600	Clear	14.41
507-3917-1471-600	Translucent Red	7.16
507-3917-1472-600	Translucent Green	7.16
507-3917-1473-600	Translucent Amber	7.16
507-3917-1474-600	Translucent Blue	14.41
507-3917-1475-600	Translucent White	7.53
507-3917-1476-600	Translucent Yellow	14.41

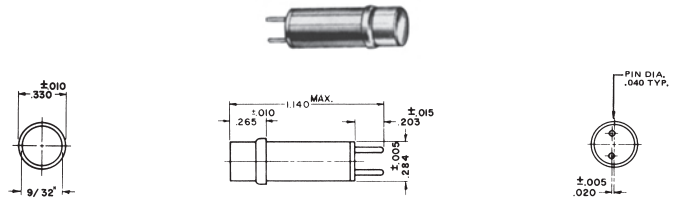
NOTE: All the above use with 508-8738-504 cartridge.



DIALIGHT NEON DATALAMP CARTRIDGES

Cat. No.	Colour	Net Price
STOVEPIPE LENS SHAPE, STANDARD BRIGHTNESS, WITH BUILT-IN 56K RESISTOR (FOR 105-125 VAC)		
507-4537-0931-640	Transparent Red	\$7.98
507-4537-0933-640	Transparent Amber	7.53
507-4537-0937-640	Clear	7.98
STOVEPIPE LENS SHAPE, HIGH BRIGHTNESS, WITH BUILT-IN 22K RESISTOR (FOR 105-125 VAC)		
507-4538-0931-610	Transparent Red	7.53
507-4538-0933-610	Transparent Amber	7.53
507-4538-0935-610	Transparent White	10.26
507-4538-0937-610	Clear	10.26
SHORT CYLINDRICAL LENS SHAPE, STANDARD BRIGHTNESS, WITH BUILT-IN 56K RESISTOR (FOR 105-125 VAC)		
507-4537-1431-640	Transparent Red	16.86
507-4537-1433-640	Transparent Amber	11.84
507-4537-1437-640	Clear	19.73
SHORT CYLINDRICAL LENS SHAPE, HIGH BRIGHTNESS, WITH BUILT-IN 22K RESISTOR (FOR 105-125 VAC)		
507-4538-1431-610	Transparent Red	9.69
507-4538-1433-610	Transparent Amber	18.00
507-4538-1437-610	Clear	16.15
LONG CYLINDRICAL LENS SHAPE, STANDARD BRIGHTNESS, WITH BUILT-IN 56K RESISTOR (FOR 105-125 VAC)		
507-4537-1531-640	Transparent Red	7.98
507-4537-1533-640	Transparent Amber	7.53
507-4537-1537-640	Clear	16.15
SHORT CYLINDRICAL LENS SHAPE, HIGH BRIGHTNESS, WITH BUILT-IN 47K RESISTOR (FOR 105-125 VAC)		
507-4538-1431-630	Transparent Red	8.85
507-4538-1433-630	Transparent Amber	8.41
507-4538-1437-630	Clear	8.85

NOTE: All the above use with 508-7545-504 or 508-8475-504 cartridges.



DIALIGHT 507 SERIES DATALAMP CARTRIDGES WITH LED DIODE-LITES

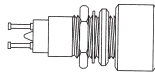
Light source is a solid state lamp that provides the advantages of low power with extremely long life and reliability. IC compatible; interchangeable with standard incandescent cartridges. Unique lens design features an internal fresnel ring to assure maximum distribution of light output. Cartridge may be mounted with Datalamp Holder or cartridge connector with speed clip.

Cat. No.	Jewel Colour	Volts DC	Maximum Current mA	Net Price
507-4757-3331-500	Red	5	15	\$5.31
507-4757-3731-500	Red	5	15	5.31
507-4759-3331-500	Red	10	15	5.31
507-4760-3331-500	Red	14	20	5.31
507-4760-3731-500	Red	14	20	5.31
507-4761-3331-500	Red	28	15	7.06
507-4857-3332-500	Green	5	20	7.20
507-4859-3332-500	Green	10	20	7.40
507-4860-3332-500	Green	14	20	7.20
507-4860-3732-500	Green	14	20	7.70
507-4861-3332-500	Green	28	20	7.20
507-4861-3732-500	Green	28	20	7.20
507-4957-3333-500	Yellow	5	20	7.20
507-4957-3733-500	Yellow	5	20	7.20
507-4960-3333-500	Yellow	14	20	7.20
507-4961-3333-500	Yellow	28	20	7.20
507-4961-3733-500	Yellow	28	20	7.20

NOTE: All the above use with 508-8738-504 cartridge.



515-0051



515-0074

DATALAMP HOLDERS AND CARTRIDGES

Ultra-compact—mounts in $\frac{3}{16}$ " clearance hole. Lamp cartridge is easily unplugged from front of panel. Collar, flange ring, and mounting bushing are aluminum with black anodize finish. The holders listed have solder cup terminals and turret terminals. 515-0051 Speed Clip: An effective fastening for use where conventional mounting is not practical. Counter-pressure of Speed Clip and flange of Cartridge secures the unit tightly against the panel. May be used with all Datalamp Cartridges. Self-retaining, dependable, vibration-proof. Made of heat-treated spring steel.

DATALAMP HOLDERS

Cat. No.	Description	Terminals	Back Projection	Net Price
508-7545-504	Cartridge for incandescent & LED	Solder	1 $\frac{1}{32}$ "	\$9.89
508-8745-504	Cartridge for incandescent & LED	Turret	1 $\frac{1}{32}$ "	9.42
508-8738-504	Cartridge for neon	Turret	1 $\frac{1}{8}$ "	8.98

DATALAMP CARTRIDGE CONNECTORS

Cat. No.	Description	Length	Net Price
515-0074	Cartridge Connector	$\frac{3}{16}$ "	\$2.98
515-0051	Speed Clip	—	1.35



111-8430-0111-201
CONVEX LENS CAP



101-3830-0931-201
STOVEPIPE LENS CAP



140-8430-1471-201
CYLINDRICAL LENS CAP



162-8430-0931-502
162 SERIES

DIALIGHT $\frac{15}{32}$ " SUBMINIATURE ASSEMBLIES

Extra compact assemblies for use with T-1 $\frac{3}{4}$ incandescent bulbs ranging from 1.35 to 28 volts. Lens caps unscrew for bulb replacement from front of panel. Lamp, socket and all connections are completely insulated from bushing and panel. Mount in $\frac{15}{32}$ " clearance hole. **3830** series assemblies mount from front or back of panel, with mounting nuts forming a moveable flange. **8430** series mount from front of panel only and have a fixed flange. All except **162** series are brass with black nickel finish. **162** series assemblies are aluminum with black anodize finish, and have anti-rotation tab on flange. Not supplied with lamp.

FOR USE WITH T-1 $\frac{3}{4}$ MIDGET FLANGE INCANDESCENT LAMPS OR BASED LED'S

Cat. No.	Colour	Net Price
FRONT OR BACK INSERTION, MOVEABLE FLANGE, CONVEX LENS CAP—BACK FROSTED		
111-3830-0111-201	Red	\$23.74
FRONT OR BACK INSERTION, MOVEABLE FLANGE, TRANSLUCENT STOVEPIPE LENS CAP		
101-3830-0971-201	Red	13.14
101-3830-0973-201	Green	29.01
101-3830-0975-201	White	14.21

FOR USE WITH T-1 $\frac{3}{4}$ MIDGET FLANGE INCANDESCENT LAMPS OR BASED LED'S (CONTINUED)

Cat. No.	Colour	Net Price
FRONT OR BACK INSERTION, MOVEABLE FLANGE, TRANSPARENT STOVEPIPE LENS CAP		
101-3830-0931-201	Red	\$14.21
101-3830-0932-201	Green	50.40
101-3830-0933-201	Yellow	12.16
101-3830-0935-201	White	14.58
FRONT OR BACK INSERTION, MOVEABLE FLANGE, TRANSLUCENT CYLINDRICAL LENS CAP		
140-3830-1471-201	Red	29.01
140-3830-1472-201	Green	52.26
140-3830-1473-201	Yellow	16.25
140-3830-1475-201	White	10.43
FRONT OF PANEL INSERTION, FIXED FLANGE, CONVEX LENS CAP—BACK FROSTED		
111-8430-0111-201	Red	14.93
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSLUCENT STOVEPIPE LENS CAP		
101-8430-0931-201	Red	26.39
101-8430-0932-201	Green	26.39
101-8430-0933-201	Yellow	11.97
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSLUCENT CYLINDRICAL LENS CAP		
140-8430-1471-201	Red	11.77
140-8430-1472-201	Green	14.87
140-8430-1473-201	Yellow	16.06
140-8430-1474-201	Blue	16.06
140-8430-1475-201	Yellow	15.70
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSLUCENT STOVEPIPE LENS CAP		
162-8430-0971-502	Red	46.40
162-8430-0972-502	Green	26.00
162-8430-0973-502	Yellow	20.76
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSPARENT STOVEPIPE LENS CAP		
162-8430-0931-502	Red	15.16
162-8430-0932-502	Green	15.16
162-8430-0933-502	Yellow	18.10
162-8430-0935-502	White	21.72
162-8430-0937-502	Clear	18.94
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSLUCENT CYLINDRICAL LENS CAP		
162-8430-1471-502	Red	22.49
162-8430-1472-502	Green	22.91
162-8430-1473-502	Yellow	22.91
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSPARENT CYLINDRICAL LENS CAP		
162-8430-1431-502	Red	22.91



DIALIGHT $\frac{15}{32}$ " NEON DATALAMPS

For use with T-2 neon glow lamps and C7A (NE-2D) neon lamps, standard brightness 105-125 VAC.

Cat. No.	Colour	Net Price
FRONT OF PANEL INSERTION, FIXED FLANGE, TRANSPARENT STOVEPIPE LENS		
137-8836-0931-552	Red	\$23.89
137-8836-0933-552	Yellow	23.89
137-8836-0935-552	White	44.70
137-8836-0937-552	Clear	44.24



DIALIGHT 17/32" SUBMINIATURE ASSEMBLIES

For use with T-1-3/4 midget flange incandescent lamps, or based LED's. Front of panel insertion, moveable flange.

Cat. No.	Colour	Net Price
TRANSPARENT STOVEPIPE LENS CAP		
101-5030-0931-201	Red	\$14.87
101-5030-0932-201	Green	13.69
101-5030-0933-201	Amber	13.69
101-5030-0935-201	White	18.00
TRANSLUCENT STOVEPIPE LENS CAP		
101-5030-0971-201	Red	13.80
101-5030-0973-201	Amber	14.87
101-5030-0972-201	Green	14.87



135-0408-1431-142
135-0410-1431-102
CYLINDRICAL LENS CAP

DIALIGHT 1/16" ENCLOSED ASSEMBLIES FOR NEON LAMPS

This series accommodates rugged, long life standard brightness B1A (NE-51) or high brightness B2A (NE-51H) neon glow lamps. The necessary current-limiting resistor is built-in, as an integral part of these assemblies. All types mount in a 1/16" clearance hole. The lens cap affords a 180° light spread for maximum visibility. White nickel finish mounting bushing and lens holder, cadmium iridite finish steel mounting nut and lockwasher. Not supplied with lamp. U/L and CSA listed.

BUILT-IN 56K RESISTOR FOR USE WITH B1A (NE-51) NEON LAMPS 105-125V AC-DC

Cat. No.	Colour	Net Price
SCREW-IN FLUTED STOVEPIPE LENS CAP, SOLDER TERMINALS		
52-0408-0991-142	Red	\$15.06
52-0408-0995-142	White	18.00
SCREW-IN TRANSPARENT CYLINDRICAL LENS CAP, SCREW TERMINALS		
135-1308-1435-142	White	15.83
135-1308-1437-142	Clear	14.85

NOTE: Green jewels not recommended with neon lamps.

BUILT-IN 22K RESISTOR FOR USE WITH B2A (NE-51H) NEON LAMPS 110-125V AC-DC

Cat. No.	Colour	Net Price
SCREW-IN TRANSPARENT STOVEPIPE LENS CAP, SOLDER TERMINALS		
95-0463-0931-112	Red	\$13.21
95-0463-0933-112	Amber	12.27
95-0463-0935-112	White	18.25
SCREW-IN TRANSPARENT CYLINDRICAL LENS CAP, SOLDER TERMINALS		
135-0463-1431-112	Red	17.17
135-0463-1433-112	Amber	13.30
SCREW-IN TRANSPARENT STOVEPIPE LENS CAP, SCREW TERMINALS		
95-1363-0931-112	Red	28.48
SCREW-IN TRANSPARENT CYLINDRICAL LENS CAP, SCREW TERMINALS		
135-1363-1431-112	Red	27.70
135-1363-1433-112	Amber	28.57
135-1363-1437-112	Clear	28.19

NOTE: Green jewels not recommended with neon lamps.



81-0410-0111-102
CONVEX LENS CAP


DIALIGHT 1/16" ENCLOSED ASSEMBLIES FOR INCANDESCENT LAMPS OR BASED LED'S

Indicator lights for T-3/4 bulb with miniature bayonet base. For mounting in 1/16" clearance hole. The lens cap affords a 180° light spread for maximum visibility. White nickel finish mounting bushing and lens holder; iridite finish steel mounting nut and lockwasher. Lamp not supplied.

FOR USE WITH T-3/4 MINIATURE BAYONET INCANDESCENT LAMPS

Cat. No.	Colour	Net Price
SCREW-IN TRANSPARENT STOVEPIPE LENS CAP, SOLDER TERMINALS		
95-0410-0931-102	Red	\$10.78
95-0410-0932-102	Green	10.78
95-0410-0935-102	Amber	10.97
SCREW-IN TRANSPARENT CYLINDRICAL LENS CAP, SOLDER TERMINALS		
135-0410-1431-102	Red	9.99
135-0410-1432-102	Green	10.87
135-0410-1433-102	Amber	9.29
135-0410-1435-102	White	9.57
SCREW-IN TRANSLUCENT CYLINDRICAL LENS CAP, SOLDER TERMINALS		
135-0410-1472-102	Green	10.87
135-0410-1475-102	Red	10.87
SCREW-IN TRANSPARENT STOVEPIPE LENS CAP, SCREW TERMINALS		
95-1310-0931-102	Red	20.35
95-1310-0932-102	Green	20.35
95-1310-0933-102	Amber	20.35
95-1310-0935-102	White	20.60
SCREW-IN FLUTED STOVEPIPE LENS CAP, SCREW TERMINALS		
52-1310-0991-102	Red	20.40
52-1310-0992-102	Green	21.11
52-1310-0993-102	Amber	20.40
SCREW-IN TRANSPARENT CYLINDRICAL LENS CAP, SCREW TERMINALS		
135-1310-1431-102	Red	20.69
135-1310-1432-102	Green	20.69
135-1310-1433-102	Amber	20.44
135-1310-1435-102	White	20.00
135-1310-1437-102	Clear	20.06
SCREW-IN TRANSLUCENT CYLINDRICAL LENS CAP, SCREW TERMINALS		
135-1310-1472-102	Green	20.44
135-1310-1473-102	Amber	20.44
135-1310-1475-102	White	20.44
SCREW-IN CONVEX LENS CAP—BACK FROSTED, SOLDER TERMINALS		
81-0410-0111-102	Red	3.27
81-0410-0112-102	Green	15.00
81-0410-0113-102	Amber	12.09
SCREW-IN FACETED LENS CAP—UNFROSTED, SOLDER TERMINALS		
81-0410-0431-102	Red	15.00
81-0410-0432-102	Green	15.00
81-0410-0433-102	Amber	15.00



Part's indicated with a leaf  are considered RoHS July 2006 compliant based on the manufacturer's confirmation at the time of publishing. For additional information please contact Electro Sonic.



125-0410-1111-403
STOVEPIPE LENS



103-3502-1331-403
TORPEDO FACETED LENS

DIALIGHT 1" OIL-TIGHT ASSEMBLIES

Rugged, designed for severe vibration conditions. Oil-tight, water-tight, dust-tight. Retained oil-proof elastomer "O" ring seal construction; high impact phenolic insulation. Mounts in 1" clearance hole. Caps unscrew from front of panel; give 180° light spread. Solid brass knurled lens holder, satin chrome finish. Unfrosted dome lenses are recommended as most suitable for neon lamps. Screw terminals. Lamp not supplied. U/L and CSA listed. 1/16" Oil-Tight Assemblies: Same features and high resistance to shock and vibration as 1" Oil-Tight Series. Mounts in 1/16" clearance hole. Satin chrome is standard finish on lens holder. Assemblies for use with B1A (NE-51) neon lamps have built-in resistor. Solder terminals. Lamp not supplied.

DIALIGHT 1" OIL TIGHT ASSEMBLIES, SCREW TERMINALS

Cat. No.	Colour	Net Price
DOMELENS BACK FROSTED, FOR USE WITH T-4-1/2 CANDELABRA SCREW NEON LAMPS		
103-3114-1211-403	Red	\$65.40
DOMELENS BACK FROSTED, FOR USE WITH S-6 CANDELABRA SCREW INCANDESCENT LAMPS		
103-3101-1213-403	Amber	43.70
DOMELENS BACK FROSTED, FOR USE WITH S-6 CANDELABRA D.C. BAYONET INCANDESCENT LAMPS		
103-3502-1211-403	Red	89.98
103-3502-1212-403	Green	148.03
103-3502-1213-403	Amber	43.45
DOMELENS UNFROSTED, FOR USE WITH T-4-1/2 CANDELABRA NEON LAMPS		
103-3114-1231-403	Red	56.23
103-3114-1235-403	White	56.89
103-3114-1237-403	Clear	57.68
DOMELENS UNFROSTED, FOR USE WITH S-6 CANDELABRA SCREW INCANDESCENT LAMPS		
103-3101-1231-403	Red	137.03
103-3101-1232-403	Green	138.70
103-3101-1233-403	Amber	138.70
103-3101-1235-403	White	138.70
103-3101-1237-403	Clear	138.70
DOMELENS UNFROSTED, FOR USE WITH S-6 CANDELABRA D.C. BAYONET INCANDESCENT LAMPS		
103-3502-1231-403	Red	33.02
103-3502-1232-403	Green	42.19
103-3502-1233-403	Amber	35.22
103-3502-1235-403	White	33.68
FACETED TORPEDO UNFROSTED, FOR USE WITH T-4-1/2 CANDELABRA SCREW NEON LAMPS		
103-3114-1331-403	Red	56.23
103-3114-1333-403	Amber	65.40
103-3114-1335-403	White	66.66
FACETED TORPEDO UNFROSTED, FOR USE WITH S-6 CANDELABRA SCREW INCANDESCENT LAMPS		
103-3101-1331-403	Red	33.27
103-3101-1332-403	Green	34.72
103-3101-1333-403	Amber	42.44
103-3101-1335-403	White	43.70
FACETED TORPEDO UNFROSTED, FOR USE WITH S-6 CANDELABRA D.C. BAYONET INCANDESCENT LAMPS		
103-3502-1331-403	Red	114.79
103-3502-1332-403	Green	34.47
103-3502-1333-403	Amber	42.19
103-3502-1335-403	White	43.45
103-3502-1337-403	Clear	41.36

DIALIGHT 11/16" OIL TIGHT ASSEMBLIES, SOLDER TERMINALS

Cat. No.	Colour	Net Price
STOVEPIPE BACK FROSTED, BUILT-IN 56K RESISTOR FOR USE WITH B1A (NE-51) NEON LAMPS 105-125V AC-DC		
125-0408-1111-443	Red	\$30.33
125-0408-1113-443	Amber	32.66
STOVEPIPE BACK FROSTED, FOR USE WITH T-3-1/4 MINIATURE BAYONET INCANDESCENT LAMPS		
125-0410-1111-403	Red	81.19
STOVEPIPE UNFROSTED, BUILT-IN 56K RESISTOR FOR USE WITH B1A (NE-51) NEON LAMPS 105-125V AC-DC		
125-0408-1133-443	Amber	26.57
125-0408-1135-443	White	26.25
STOVEPIPE UNFROSTED, FOR USE WITH T-3-1/4 MINIATURE BAYONET INCANDESCENT LAMPS		
125-0410-1133-403	Amber	27.60
125-0410-1135-403	White	23.52
125-0410-1137-403	Clear	20.81
STOVEPIPE INSIDE FLUTED, FOR USE WITH T-3-1/4 MINIATURE BAYONET INCANDESCENT LAMPS		
125-0410-1191-403	Red	20.81



DIALIGHT LAMP INSTALLERS

For fast and simple removal and installation of lamps used in pilot light assemblies. Two sizes are available to accommodate the most popular types of Incandescent and Neon lamps. Promotes speed on the production line without hazard to hands from broken bulbs. Indispensable for hard to reach places. Will not damage lamps. Made of high-grade rubber.

Cat. No.	Fits Bulb Sizes	Net Price
506-0073	T-3/4 and S-6	\$2.70
506-0045	T-3/4 and T-4 1/2	8.82



81-0431-100
FACETED



135-1431
CYLINDRICAL



95-0931
STOVEPIPE

DIALIGHT 11/16" SCREW-IN LENS CAP ASSEMBLIES FOR PANEL MOUNTING

For use with separately mounted lamp sockets. 81 Series have white nickel finish. These lens caps have a 1/16"-27 thd. shank which screws into a 505-8112-102 Bushing Assembly. The Bushing Assembly mounts in a 1/16" clearance hole, has a shank length of 3/8", and is complete with nut and lock-washer. Lens caps are identical to those on Dialight 1/16" Enclosed Assemblies shown elsewhere in this listing.

Cat. No.	Colour	Lens Diam.	Net Price
TRANSPARENT STOVEPIPE LENS			
95-0931*	Red	5/8"	\$1.76
TRANSPARENT CYLINDRICAL LENS			
135-1431*	Red	5/8"	.97
CONVEX LENS, BACK FROSTED			
81-0111-100	Red	5/8"	3.27
81-0112-100	Green	5/8"	3.47
FACETED LENS, UNFROSTED			
81-0431-100	Red	5/8"	3.47
81-0432-100	Green	5/8"	3.47
81-0433-100	Amber	5/8"	3.69
81-0434-100	Blue	5/8"	3.91
81-0435-100	White	5/8"	3.91

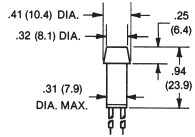
*NOTE: Other colours available: green (2), amber (3), blue (4), white (5), yellow (6), and clear (7). Replace the last digit with the corresponding number.

INCANDESCENT PANEL MOUNT ASSEMBLIES

Incandescent panel mount assemblies are available as off the shelf items in 6V, 12V and 28V packages, and are available in other voltages as standard variations. Assemblies are available in a variety of colours, and lens styles, along with your choice of wire leads or quick connect terminals.

NEON PANEL MOUNT ASSEMBLIES

Neon panel mount assemblies are available as off the shelf items in 125V and 250V packages, and are available in other voltages as standard variations. Assemblies are available in a variety of colours, and lens styles, along with your choice of wire leads or quick connect terminals. All CML neon lamp assemblies are UL and CSA approved.



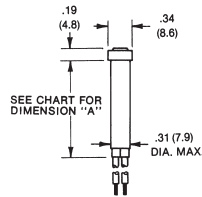
SERIES 2990D

One-piece lens-body 6, 12 and 28 volt incandescent pilot lights. Current ratings for 2990D series: 6V-.200A, 12V-.100A, 28V-.040A.

GLO-DOT SERIES 2990D INCANDESCENT PILOT LIGHTS

Cat. No.	Lens Colour	Net Price
6 VOLT		
2990D1-6V	Red	\$5.99
2990D3-6V	Amber	5.99
2990D4-6V	White	5.99
2990D5-6V	Green	5.99
2990D6-6V	Blue	5.99
12 VOLT		
2990D1-12V	Red	6.33
2990D3-12V	Amber	6.33
2990D4-12V	White	5.99
2990D5-12V	Green	6.33
2990D6-12V	Blue	5.99
26 VOLT		
2990D1-28V	Red	5.99
2990D3-28V	Amber	6.33
2990D4-28V	White	5.99
2990D5-28V	Green	5.99
2990D6-28V	Blue	5.99

Mounting Hole— $\frac{5}{16}$ " Diameter. Supplied with Push-On Speednut.



DIMENSION "A"

- $1\frac{3}{64}$ "—for 120 VAC (2110 & 2112 series)
- $\frac{47}{64}$ "—for 12, 28V (2195 series)

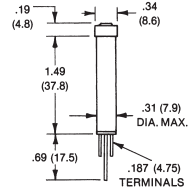
GLO-DOT MINIATURE INCANDESCENT PILOT LIGHTS—SERIES 2195A

Cat. No.	Lens Colour	Dim. "A"	Net Price
12 VOLT			
2195A1-12V	Red	.74(18.8)	\$6.36
2195A3-12V	Amber	.74(18.8)	6.36
2195A4-12V	White	.74(18.8)	6.02
2195A5-12V	Green	.74(18.8)	6.36
28 VOLT			
2195A1-28V	Red	.74(18.8)	6.02
2195A3-28V	Amber	.74(18.8)	6.36
2195A4-28V	White	.74(18.8)	6.02
2195A5-28V	Green	.74(18.8)	6.36

GLO-DOT MINIATURE NEON PILOT LIGHTS—SERIES 2110A AND 2112A 120 VAC

Cat. No.	Lens Colour	Net Price
2110A1	Red	\$4.71
2110A2	Clear	4.71
2110A3	Amber	4.71
2110A4	White	4.71
2112A5	Green	7.08
2112A6	Blue	7.08

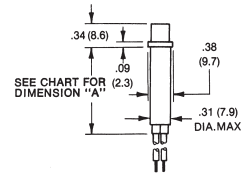
Mounting Hole— $\frac{5}{16}$ " Diameter. Supplied with Push-On Speednut.



GLO-DOT MINIATURE NEON PILOT LIGHTS—SERIES 2110QA AND 2112QA WITH .187" TERMINALS 120 VAC

Cat. No.	Lens Colour	Net Price
2110QA1	Red	\$5.08
2110QA2	Clear	5.08
2110QA3	Amber	5.08
2110QA4	White	5.08
2112QA5	Green	7.51

Mounting Hole— $\frac{5}{16}$ " Diameter. Supplied with Push-On Speednut.



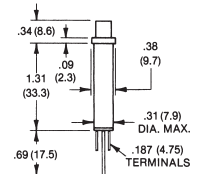
- DIMENSION "A"
- $1\frac{19}{64}$ "—for 120 VAC
 - $\frac{53}{64}$ "—for 12, 28V

GLO-DOT MINIATURE INCANDESCENT PILOT LIGHTS—SERIES 2194A

Cat. No.	Lens Colour	Dim. "A"	Net Price
12 VOLT			
2194A1-12V	Red	.83 (21.1)	\$6.73
2194A3-12V	Amber	.83 (21.1)	6.73
2194A4-12V	White	.83 (21.1)	6.36
2194A5-12V	Green	.83 (21.1)	6.73
28 VOLT			
2194A1-28V	Red	.83 (21.1)	6.73
2194A3-28V	Amber	.83 (21.1)	6.36
2194A4-28V	White	.83 (21.1)	6.36
2194A5-28V	Green	.83 (21.1)	6.73

GLO-DOT MINIATURE NEON PILOT LIGHTS—SERIES 2150A AND 2152A

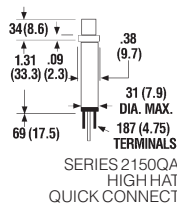
Cat. No.	Lens Colour	Dim. "A"	Net Price
2150A1	Red	.83 (21.1)	\$5.02
2150A2	Clear	.83 (21.1)	5.02
2150A3	Amber	.83 (21.1)	5.02
2150A4	White	.83 (21.1)	5.02
2152A5	Green	.83 (21.1)	8.04
2152A6	Blue	.83 (21.1)	8.04



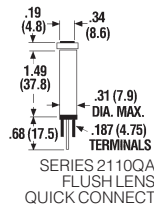
GLO-DOT MINIATURE NEON PILOT LIGHTS—SERIES 2150QA AND 2152QA WITH .187" TERMINALS 120 VAC

Cat. No.	Lens Colour	Net Price
2150QA1	Red	\$5.42
2150QA3	Amber	5.42
2150QA4	White	5.42
2152QA5	Green	8.42

Mounting Hole— $\frac{5}{16}$ " Diameter. Supplied with Push-On Speednut.



SERIES 2150QA
HIGH HAT
QUICK CONNECT



SERIES 2110QA
FLUSH LENS
QUICK CONNECT

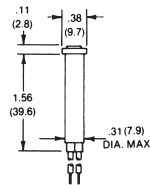
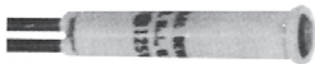
GLO-DOT MINIATURE NEON PILOT LIGHTS SERIES 2150, 2110

These miniature neon pilot lights are engineered for long service reliability. Rugged, unaffected by the shock and vibration. Two lens shapes, flush and high-hat which are available in five colours: red, amber, white, clear and green. Mounting hole is .31" minimum diameter. **Average Operating Life:** 25,000 hours. UL recognized and CSA approved. Supplied with push-on speed nut (SN1287). Units supplied with 4.4"-4.8" wire terminals, stripped 1/2" or .187"-.020" tinned brass terminals.

Cat. No.	Lens Colour	VAC	Net Price
2151A1	Red	208-250	\$5.02
2151A2	Clear	208-250	5.02
2151A3	Amber	208-250	5.02
2151A4	White	208-250	5.02
2153A5*	Green	208-250	8.04
2153A6†	Blue	208-250	8.04
2111A1	Red	208-250	4.71
2111A2	Clear	208-250	4.71
2111A3	Amber	208-250	4.71
2111A4	White	208-250	4.71
2113A5*	Green	208-250	7.08
2113A6†	Blue	208-250	7.08
2151QA1	Red	208-250	5.42
2151QA3	Amber	208-250	5.42
2151QA4	White	208-250	5.42
2153QA5*	Green	208-250	8.42
2111QA1	Red	208-250	5.08
2111QA2	Clear	208-250	5.08
2111QA3	Amber	208-250	5.08
2111QA4	White	208-250	5.08
2113QA5*	Green	208-250	7.51

*Incorporates G2B lamp and resistor.

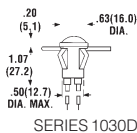
†Incorporates T2B lamp and resistor.



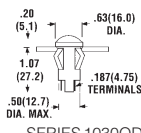
GLO-DOT MINIATURE NEON PILOT LIGHTS WITH WIRE LEADS SERIES 2120A 120 VAC

Cat. No.	Lens Colour	Net Price
2120A1	Red	\$4.71
2120A3	Amber	4.71
2120A4	White	4.71

Mounting Hole—5/16" Diameter. Supplied with Push-On Speednut.



SERIES 1030D



SERIES 1030QD

SERIES 1000 NEON LAMPS

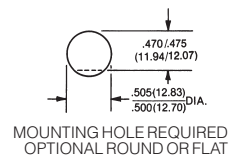
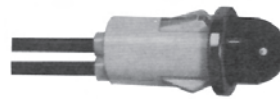
PILOT LAMPS WITH LOW-PROFILE LENSES

Cat. No.	Lens Colour	VAC	Net Price
1030D1†	Red	105-125	\$4.74
1030D3†	Amber	105-125	5.11
1030D4†	White	105-125	4.74
1032D5†*	Green	105-125	7.11
1030QD1‡	Red	105-125	5.11
1030QD3‡	Amber	105-125	5.11
1030QD4‡	White	105-125	5.11
1032QD5‡*	Green	105-125	7.54

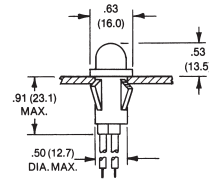
†With wire leads 4.4/4.8" long, striped .43/.57".

‡With .187"-.020" tinned brass terminals.

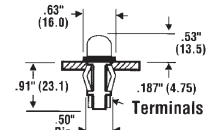
*Incorporates G2B lamp and resistor.



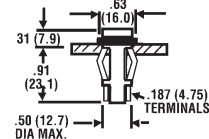
MOUNTING HOLE REQUIRED
OPTIONAL ROUND OR FLAT



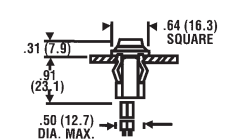
SERIES 1090A



SERIES 1090QA



SERIES 1090QC

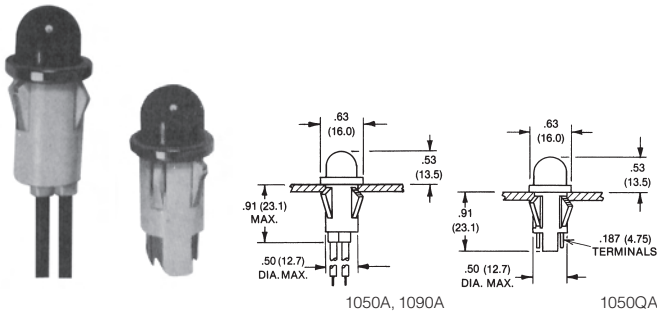


SERIES 1090N

OMNI-GLOW INCANDESCENT PILOT LIGHTS—SERIES 1090A

Cat. No.	Lens Colour	Net Price
6 VOLT		
1090A1-6V	Red	\$6.08
1090A3-6V	Amber	6.08
1090A4-6V	White	6.43
1090A5-6V	Green	6.43
1090A6-6V	Blue	6.08
12 VOLT		
1090A1-12V	Red	6.43
1090A3-12V	Amber	6.43
1090A4-12V	White	6.43
1090A5-12V	Green	6.43
1090A6-12V	Blue	6.43
1090QA1-12V	Red	6.86
1090QA3-12V	Amber	6.86
1090QA4-12V	White	6.86
1090QA5-12V	Green	6.86
1090QA6-12V	Blue	6.86
1090N1-12V	Red	6.86
1090N3-12V	Amber	6.86
1090N4-12V	White	6.86
1090N5-12V	Green	6.86
1090QC1-12V	Red	6.86
1090QC3-12V	Amber	6.86
1090QC4-12V	White	6.86
1090QC5-12V	Green	6.86
28 VOLT		
1090A1-28V	Red	6.43
1090A3-28V	Amber	6.43
1090A4-28V	White	6.43
1090A5-28V	Green	6.43
1090A6-28V	Blue	6.43
1090QA1-28V	Red	6.86
1090QA3-28V	Amber	6.86
1090QA4-28V	White	6.86
1090QA5-28V	Green	6.86
1090QA6-28V	Blue	6.86
1090N1-28V	Red	6.86
1090N3-28V	Amber	6.86
1090N4-28V	White	6.86
1090N5-28V	Green	6.86
1090QC1-28V	Red	6.86
1090QC3-28V	Amber	6.86
1090QC4-28V	White	6.86
1090QC5-28V	Green	6.86
1090QC6-28V	Blue	15.21

Mounting Hole—1/2" Diameter.



OMNI-GLOW NEON PILOT LIGHTS—SERIES 1050A AND 1050QA

Cat. No.	Lens Colour	Net Price
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WIRE LEADS

120 VAC

Cat. No.	Lens Colour	Net Price
1050A1	Red	\$4.74
1050A2	Clear	4.74
1050A3	Amber	4.74
1050A4	White	4.74
1052A5	Green	7.11
1052A6	Blue	7.11

250 VAC

Cat. No.	Lens Colour	Net Price
1051A1	Red	2.60
1051A2	Clear	2.60
1051A3	Amber	2.60
1051A4	White	2.60
1053A5	Green	3.87
1053A6	Blue	3.87

WITH .187" TERMINALS

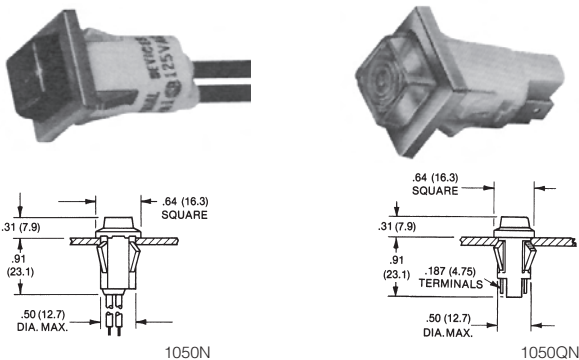
120 VAC

Cat. No.	Lens Colour	Net Price
1050QA1	Red	5.11
1050QA2	Clear	5.11
1050QA3	Amber	5.11
1050QA4	White	5.11
1052QA5	Green	7.54
1052QA6	Blue	7.54

250 VAC

Cat. No.	Lens Colour	Net Price
1051QA1	Red	2.81
1051QA3	Amber	2.81
1051QA4	White	2.81
1053QA5	Green	4.13

Mounting Hole— $\frac{1}{2}$ " Diameter.



OMNI-GLOW INCANDESCENT PILOT LIGHTS—SERIES 1090N

Cat. No.	Lens Colour	Net Price
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WITH WIRE LEADS

12 VOLT

Cat. No.	Lens Colour	Net Price
1090N1-12V	Red	\$6.86
1090N3-12V	Amber	6.86
1090N4-12V	White	6.86
1090N5-12V	Green	6.86

28 VOLT

Cat. No.	Lens Colour	Net Price
1090N1-28V	Red	6.86
1090N3-28V	Amber	6.86
1090N4-28V	White	6.86
1090N5-28V	Green	6.86

Mounting Hole— $\frac{1}{2}$ " Diameter.

OMNI-GLOW NEON PILOT LIGHTS—SERIES 1050N AND 1050QN

Cat. No.	Lens Colour	Net Price
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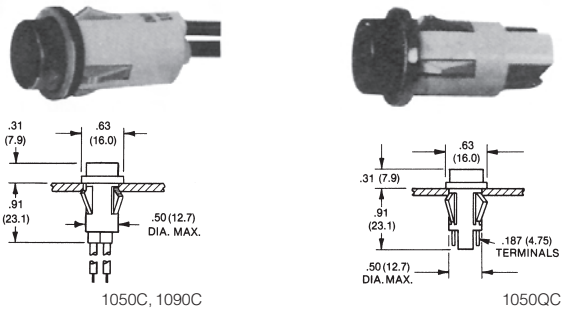
WITH WIRE LEADS 120 VAC

Cat. No.	Lens Colour	Net Price
1050N1	Red	\$5.11
1050N2	Clear	5.11
1050N3	Amber	5.11
1050N4	White	5.11
1052N5	Green	7.54

WITH .187" TERMINALS 120 VAC

Cat. No.	Lens Colour	Net Price
1050QN1	Red	5.55
1050QN3	Amber	5.55
1050QN4	White	5.55
1052QN5	Green	8.01

Mounting Hole— $\frac{1}{2}$ " Diameter.



OMNI-GLOW INCANDESCENT PILOT LIGHTS—SERIES 1090C

Cat. No.	Lens Colour	Net Price
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WITH WIRE LEADS

12 VOLT

Cat. No.	Lens Colour	Net Price
1090C1-12V	Red	\$4.34
1090C3-12V	Amber	4.34
1090C4-12V	White	4.34
1090C5-12V	Green	4.34

28 VOLT

Cat. No.	Lens Colour	Net Price
1090C1-28V	Red	4.34
1090C3-28V	Amber	4.34
1090C4-28V	White	4.34
1090C5-28V	Green	4.34

Mounting Hole— $\frac{1}{2}$ " Diameter.

OMNI-GLOW NEON PILOT LIGHTS—SERIES 1050C AND 1051QC

Cat. No.	Lens Colour	Net Price
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WIRE LEADS

120 VAC

Cat. No.	Lens Colour	Net Price
1050C1	Red	\$4.74
1050C2	Clear	4.74
1050C3	Amber	4.74
1050C4	White	4.74
1052C5	Green	7.11

250 VAC

Cat. No.	Lens Colour	Net Price
1051C1	Red	4.74
1051C2	Clear	4.74
1051C3	Amber	4.74
1051C4	White	4.74
1053C5	Green	7.11

WITH .187" TERMINALS

120 VAC

Cat. No.	Lens Colour	Net Price
1050QC1	Red	5.11
1050QC2	Clear	5.11
1050QC3	Amber	5.11
1050QC4	White	5.11
1052QC5	Green	7.54

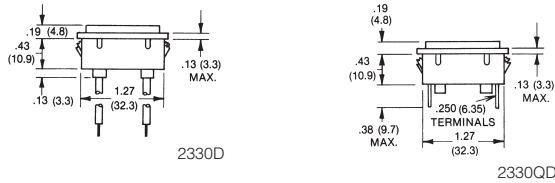
250 VAC

Cat. No.	Lens Colour	Net Price
1051QC1	Red	5.11
1051QC3	Amber	5.11
1051QC4	White	5.11
1053QC5	Green	7.54

Mounting Hole— $\frac{1}{2}$ " Diameter.



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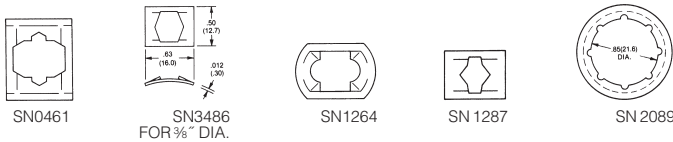
LINE-O-LITE NEON PILOT LIGHTS—SERIES 2330D AND 2330QD

Cat. No.	Lens Colour	Net Price
WITH WIRE LEADS 120 VAC		
2330D1	Red	\$5.64
2330D3	Amber	5.64
2330D4	White	5.64
2332D5	Green	7.86
WITH .250" TERMINALS 120 VAC		
2330QD1	Red	5.70
2330QD3	Amber	5.70
2330QD4	White	5.70
2332QD5	Green	8.07

LINE-O-LITE INCANDESCENT LIGHTS—SERIES 2390QD

Cat. No.	Lens Colour	Net Price
WITH .250" TERMINALS 28V		
2390QD1-28V	Red	\$7.12
2390QD3-28V	Amber	7.12
2390QD4-28V	White	7.12
2390QD5-28V	Green	7.12

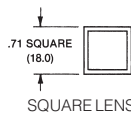
Will snap fit into .032/.100" (.81/2.54 mm) thick panel; use speednut SN1963 for other panel thicknesses. Speednut not supplied. Mounting Hole—.395/.400" (10.03/10.16 mm) x 1.276/1.281" (32.41/32.54 mm).



Cat. No.	Lamp Model Series	Net Price
SN0461	1050, 1051, 1090, 3000	\$1.19
SN1287	2110, 2112, 2150, 2152, 2191, 2194, 2195, 2990	.19
SN2089	2620	.31
SN3486	3/8" Dia.	.25



ROUND LENS



SQUARE LENS

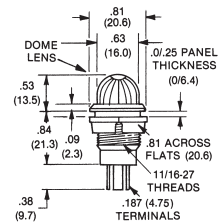
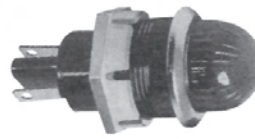
SOLID STATE GLO-DOT 2191L AND 2191U SERIES PILOT LIGHT LENSES FOR 3040-3062 SERIES

MINI-SLIDE individual pilot light lenses are available in 2 shapes; round and square. Lenses are molded polycarbonate and either round or square lens will fit both 3040 and 3062 sockets. Each lens is available in 7 bright colours (see table). Round and square lenses may be supplied hot-stamped with legends as desired. All lenses are keyed to socket for correct orientation.

MINI-SLIDE PILOT LIGHT LENSES 3040 AND 3062 SERIES

Lens Colour	Round-Lens Part No.	Square-Lens Part No.
Red	3111	3121
Clear	3112	3122
Amber	3113	3123
White	3114	
Green	3115	3125
Blue	3116	3126
Yellow	3117	3127

Cat. No.	Net Price
3111 thru 3127	\$1.25



PILOT LIGHT ASSEMBLIES—SERIES 2800

Series 2800 pilot light assemblies are bright, highly visible, beautiful pilot lights styled with either solid black or stainless steel bezels. The units feature round, light diffusing screw-in lenses. They come in a variety of colours and utilize "PSB" Telephone Slide Base lamps in a full range of voltages from 6 to 120 volts. The lenses are molded polycarbonate, and the screw-in design permits easy relamping from the front panel. CSA approved for 120 volt service. Leads can be attached by soldering or with quick-connect receptacles for .205 x .020 tab. Mounts to panel by means of nylon torque-limiting nut. Assemblies mount in an 1/16" diameter hole.

SERIES 2800 SOCKET ASSEMBLIES

Cat. No.	Description	Net Price
2802	All Plastic Black Bezel	\$4.43
2803	Mirror-Finish Stainless Steel Bezel	4.99

SERIES 2800 LENSES

Cat. No.	Lens Colour						Net Price
	Red	Clear	Amber	White	Green	Blue	
DOME LENS							
2811	2812	2813	2814	2815	2816	2817	\$1.00
FLAT LENS							
2851	2852	2853	2854	2855	2856	2857	1.00

MODEL 3062 SERIES SOCKETS

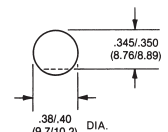
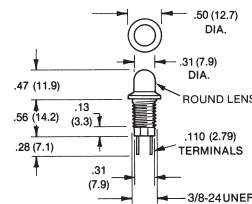
For use with "PSB" Telephone Slide Base Lamps.

MINI-SLIDE Model 3062 assemblies accept "PSB" Telephone Slide Base lamps. Socket molded of black polyester is CSA approved for 120 volt service and takes both round and square lenses. Lenses snap on or off for easy front panel relamping. Mount in either 1/2" round or standard "D" holes and are held in place with push-in speed nuts. Speed nut SN0461 supplied with each socket.

I.D.I. MODEL 3062 SERIES SOCKETS

Cat. No.	Terminal Size	Dim. "A"	Dim. "B"	Net Price
3062	.205 x .020	3/8"	5/64"	\$2.56

MINI-SLIDE 3040 and 3062 sockets mount in either 1/2" round or standard "D" holes and are held in place with push-on Speed Nuts. Speednut #461 supplied.



MOUNTING HOLE REQUIRED OPTIONAL ROUND OR FLAT

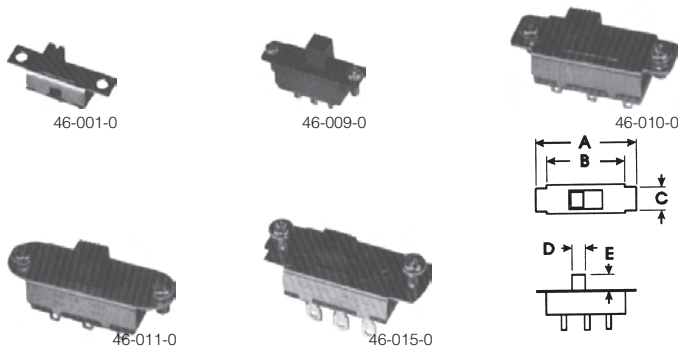
Cat. No.	Description	Net Price
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SERIES 4600 SOCKET ASSEMBLIES

4611	Threaded socket with zinc finished hex nut and internal tooth lock washer.	\$3.06
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SERIES 4600 LENS

4621	Red Round Lens	1.34
4623	Amber Round Lens	1.34
4625	Green Round Lens	1.34
4626	Blue Round Lens	1.34
4627	Yellow Round Lens	1.34



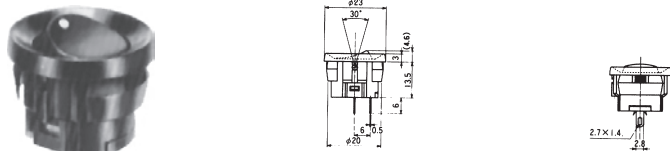
SLIDE SWITCHES

DIMENSIONS

	A	B	C	D	E
	19	15	5.4	3.2	4
	23	19	7.5	4.5	8
	35	28	13	7	7
	38	32	13	7	7
	36	28	13	7	8

SLIDE SWITCHES

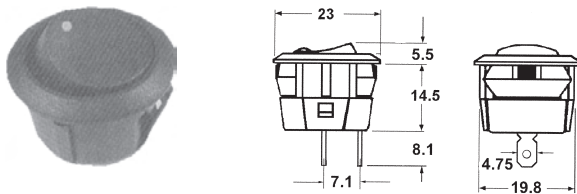
Cat. No.	Pkg #	Current	Poles	Switch	Net Price
46-001-0	-2	.3A	SPDT	On-On	\$.40
46-009-0	-2	.3A	DPDT	On-On	.43
46-010-0	-2	1A	DPDT	On-On	.67
46-011-0	-2	1A	DPDT	On-Off-On	.72



ROUND MOUNT ROCKER SWITCHES

Single round hole snap-in mounting. 5 Amp @ 125VAC (3A/250VAC).

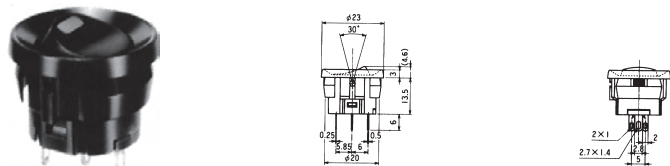
Cat. No.	Description	Net Price
46-100-0	SPST On-Off black button, white dot	\$2.42
46-101-0	SPST On-Off red button, white dot	2.25



ROUND MOUNT ROCKER SWITCH

Single hole snap-in mount. 10A @ 125VAC (6A @ 150VAC).

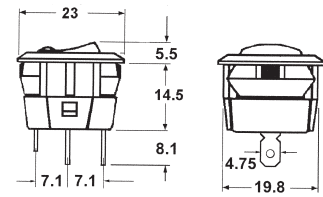
Cat. No.	Description	Net Price
46-100J-0	SPST On-Off black button, white dot	\$.92



ROUND LED ROCKER SWITCHES

Single round hole snap-in mounting with LED indicator. 5 Amp @ 125VAC (3A/250VAC). LED requires external limit resistor.

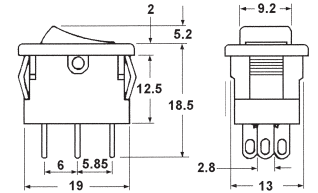
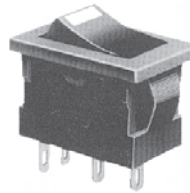
Cat. No.	Description	Net Price
46-102-0	SPST On-Off black button, red LED	\$4.38
46-103-0	SPST On-Off black button, green LED	4.45
46-104-0	SPST On-Off black button, yellow LED	4.08



ROUND LED ROCKER SWITCHES

Single hole snap-in mount with LED indicator. LED requires external limit resistor.

Cat. No.	Description	Net Price
46-102J-0	SPST On-Off black button red LED	\$2.17
46-103J-0	SPST On-Off black button green LED	2.17
46-104J-0	SPST On-Off black button yellow LED	2.62



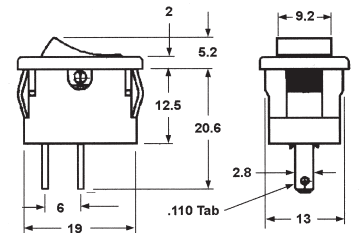
LED ROCKER SWITCHES

Snap-in mount SPST rocker switches. LED requires external limit resistor.

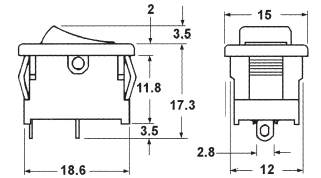
Cat. No.	Description	Voltage	Net Price
46-140-0	On-Off red LED indicator	5A @ 125VAC (3A/250V)	\$3.67
46-141-0	On-Off green LED indicator	5A @ 125VAC (3A/250V)	3.92
46-140J-0	On-Off red LED indicator	10A @ 125VAC (6A/250)	1.67
46-141J-0	On-Off green LED indicator	10A @ 125VAC (6A/250)	1.67



46-143-0



46-144J-0



ROCKER SWITCHES

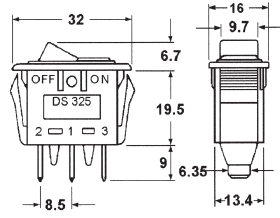
Snap-in mount SPST rocker switches. Available in white dot on-off or ON-OFF markings.

Cat. No.	Markings	Voltage	Net Price
46-143-0	Black button white dot	5A @ 125VAC (2A/250V)	\$1.92
46-144-0	Black button ON-OFF	5A @ 125VAC (2A/250V)	2.17
46-143J-0	Black button white dot	10A @ 125VAC (6A/250V)	.80
46-144J-0	Black button ON-OFF	10A @ 125VAC (6A/250V)	1.02

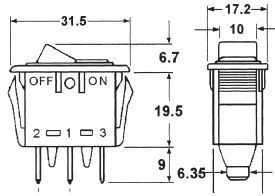
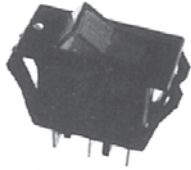


WEATHERPROOF CAP SUITABLE FOR 46-14X ROCKER SWITCHES

Cat. No.	Net Price Per 100
46-149J-0	\$16.67



46-190-0

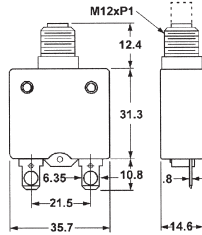
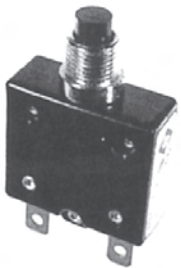


46-190J-0

ILLUMINATED ROCKER SWITCHES

Neon illuminated snap-in rocker switches. SPST on-off.

Cat. No.	Voltage	Rocker	Net Price
46-190-0	15A @ 125VAC	Amber	\$3.83
46-192-0		Red	3.83
46-190J-0	16A @ 125VAC	Amber	1.17
46-192J-0		Red	1.50



CIRCUIT BREAKERS

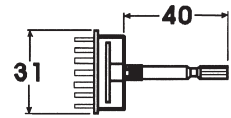
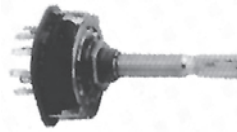
Cat. No.	Voltage	Amps	Net Price
47-503-0	125VAC, 50VDC	3	\$2.67
47-504-0		4	2.67
47-505-0		5	2.67
47-510-0		10	2.67
47-515-0		15	2.67
47-520-0		20	2.67
47-525-0		25	2.67
47-530-0		30	2.83



MAGNETIC REED SWITCHES

Magnetic reed switch for security alarms. Has normally open and normally closed switch contracts. Screw terminals. Voltage: 12VDC @ 500ma.

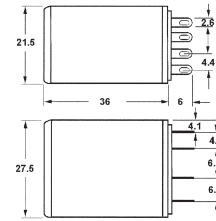
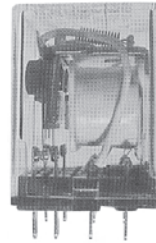
Cat. No.	Net Price
47-600-0	\$5.12



ROTARY SWITCHES

Non-shorting rotary switches. 1 Amp @ 125VAC rating.

Cat. No.	Description	Net Price
48-511-0	1 pole 12 position	\$1.63
48-512-0	2 pole 6 position	1.63
48-513-0	3 pole 4 position	1.63
48-514-0	4 pole 3 position	1.63

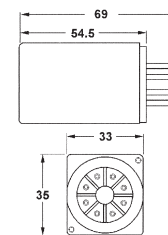
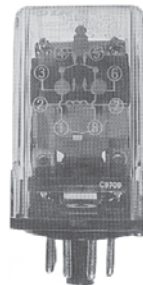


DPDT & 4PDT 5 AMP RELAYS

SPECIFICATIONS:

Contact Resistance:	50mΩ max.
Operate Time:	25ms max.
Release Time:	25ms max.
Insulation Resistance:	100MΩ min.
Mechanical Life:	10M cycles
Electrical Life:	100K cycles
Resistive Load:	5A @ 28VDC or 250VAC

Cat. No.	Circuitry	Oper. Volt.	Coil Res.	Net Price
50-061-0	DPDT	6VDC	40Ω	\$5.25
50-063-0	DPDT	12VDC	160Ω	5.25
50-064-0	DPDT	24VDC	650Ω	5.25
50-068-0	DPDT	48VDC	2600Ω	5.17
50-069-0	DPDT	120VAC	3400Ω	5.17
50-091-0	4PDT	6VDC	40Ω	6.00
50-093-0	4PDT	12VDC	160Ω	6.33
50-094-0	4PDT	24VDC	650Ω	6.33
50-098-0	4PDT	48VDC	2600Ω	6.33
50-099-0	4PDT	120VAC	3400Ω	6.92



10 AMP OCTAL BASE RELAYS

SPECIFICATIONS:

Contact Resistance:	50mΩ max.
Operate Time:	20ms max.
Release Time:	20ms max.
Insulation Resistance:	100MΩ min.
Mechanical Life:	10M cycles
Electrical Life:	100K cycles
Resistive Load:	10A @ 28VDC or 120VAC

Cat. No.	Circuitry	Oper. Volt.	Coil Res.	Net Price
50-133-0	SPDT	12VDC	120Ω	\$8.33
50-134-0	SPDT	24VDC	472Ω	8.33
50-139-0	SPDT	120VAC	2250Ω	8.33
50-163-0	DPDT	12VDC	120Ω	9.58
50-164-0	DPDT	24VDC	472Ω	9.58
50-169-0	DPDT	120VAC	2250Ω	9.58