PRODUCT NUMBER
SEE TABLE

DIM L REF

Z

NOTE 8

SLOT DIM S

.050 TYP
1.27

.055
1.4

.54 REF
13.7

.025
0.63

FCI

.425 REF WITHOUT
10.79 STRAIN RELIEF

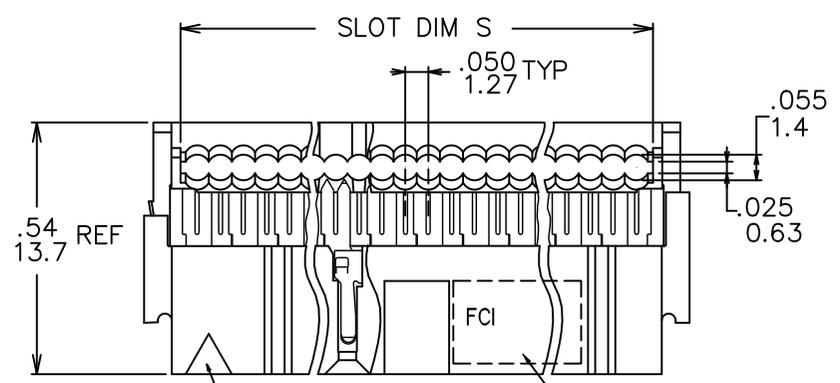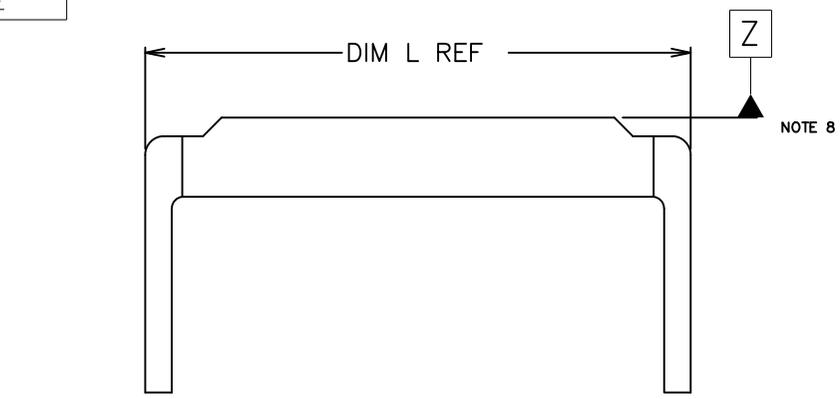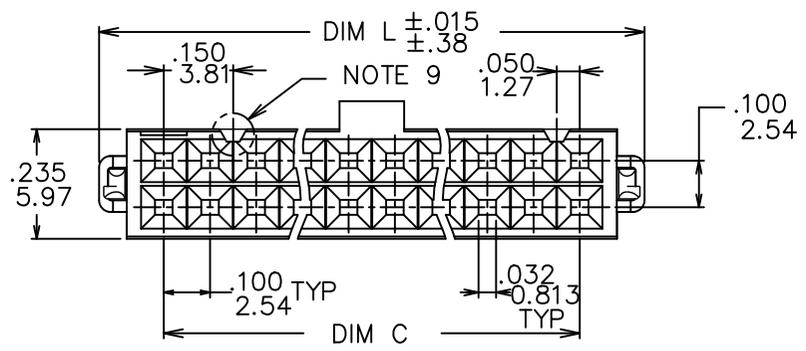.65 REF WITH
16.5 STRAIN RELIEF

CENTER KEY POLARIZATION
OPTIONAL ON DUAL ENTRY COVER
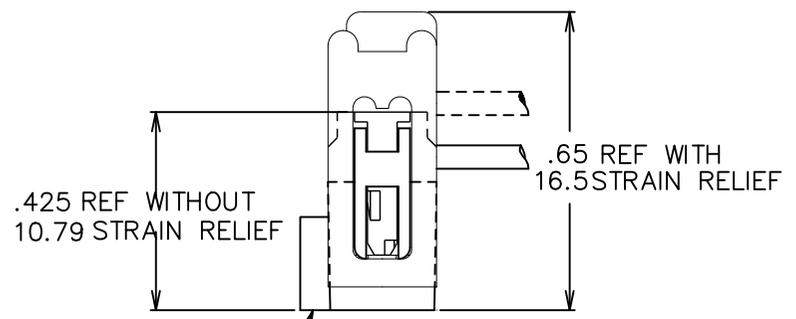
TRIANGLE INDICATES POSITION #1

"FCI" LOGO POSITION AREA, THICKNESS 0.03±0.02mm
(THE TEXT CAN BE HORIZONTAL OR VERTICAL, NEED VISUAL CLEAR)

DIM L ±.015
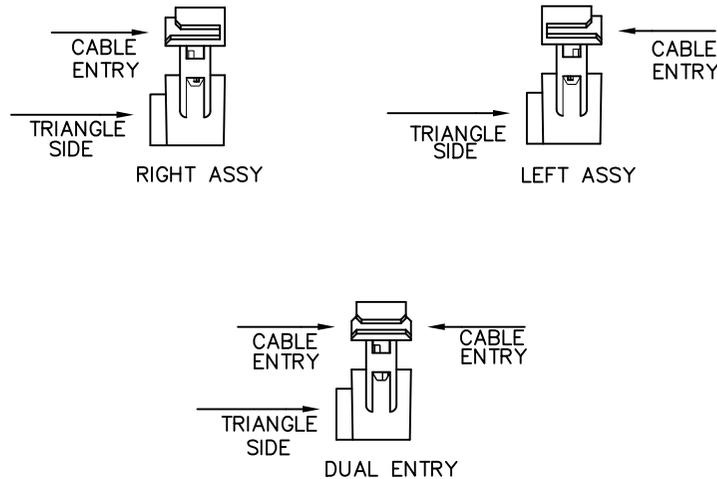±.38

.150
3.81

NOTE 9

.050
1.27

.100
2.54

.235
5.97

.100 TYP
2.54

.032
0.813
TYP

DIM C

PRODUCT No. NOTE 12	SIZE	DIM L	DIM S	DIM C
66900–X10	2X5	.680/17.27	.520/13.21	.400/10.16
–X14	2X7	.880/22.35	.720/18.29	.600/15.24
–X16	2X8	.980/24.89	.820/20.83	.700/17.78
–X20	2X10	1.180/29.97	1.020/25.91	.900/22.86
–X24	2X12	1.380/35.05	1.220/30.99	1.100/27.94
–X26	2X13	1.480/37.59	1.320/33.53	1.200/30.48
–X30	2X15	1.680/42.67	1.520/38.61	1.400/35.56
–X34	2X17	1.880/47.75	1.720/43.69	1.600/40.64
–X40	2X20	2.180/55.37	2.020/51.31	1.900/48.26
–X44	2X22	2.380/60.45	2.220/56.39	2.100/53.34
–X50	2X25	2.680/68.07	2.520/64.01	2.400/60.96
66900–X60	2X30	3.180/80.77	3.020/76.71	2.900/73.66

DASH NO	COVER STYLE	COVER ORIENTATION	POLARIZATION	STRAIN RELIEF
–0XX	THRU	DUAL ENTRY	DUAL POL.	YES
–1XX	THRU	DUAL ENTRY	DUAL POL.	NO
–2XX	THRU	DUAL ENTRY	CENTER KEY & DUAL POL.	YES
–3XX	THRU	DUAL ENTRY	CENTER KEY & DUAL POL.	NO
–4XX	BLIND	RIGHT	DUAL POL.	YES
–5XX	BLIND	RIGHT	DUAL POL.	NO
–6XX	BLIND	LEFT	DUAL POL.	YES
–7XX	BLIND	LEFT	DUAL POL.	NO
–8XX	BLIND	RIGHT	CENTER KEY & DUAL POL.	YES
–9XX	BLIND	LEFT	CENTER KEY & DUAL POL.	YES

DASH NO	COVER STYLE	COVER ORIENTATION	POLARIZATION	STRAIN RELIEF	NOTE
–AXX	BLIND	LEFT	DUAL POL.	NO	NOTE 17
–BXX	THRU	DUAL ENTRY	DUAL POL.	YES	
–CXX	THRU	DUAL ENTRY	DUAL POL.	NO	
–DXX	THRU	DUAL ENTRY	CENTER KEY & DUAL POL.	NO	
–EXX	BLIND	RIGHT	DUAL POL.	YES	
–FXX	BLIND	RIGHT	DUAL POL.	NO	

COVER
ORIENTATION

CABLE ENTRY
TRIANGLE SIDE
RIGHT ASSY

CABLE ENTRY
TRIANGLE SIDE
LEFT ASSY

CABLE ENTRY
CABLE ENTRY
TRIANGLE SIDE
DUAL ENTRY

NOTES:

1. TERMINAL MATERIAL: FULL HARD PHOS. BRONZE ALLOY, UNS–C51000.
2. TERMINAL PLATING: 50u"/27u MIN NI UNDERPLATE OVER ENTIRE TERMINAL AND 30u"/.76u MIN Au OR GXT IN CONTACT AREA ONLY.
3. MOLDING MATERIAL: BASE & COVER– GLASS FILLED POLYESTER, FLAME RETARDANT PER UL94V–0, COLOR– BLUE.
4. CONNECTOR ASSEMBLIES PACKAGED IN TUBES.
5. THE FIRST TWO CAVITY POSITIONS AND THE LAST TWO, ARE IDENTIFIED BY NUMBER.
6. POLARIZING FEATURES ARE DESCRIBED IN TABLE.
7. MOLDING MATERIAL: STRAIN RELIEF– NYLON, FLAME RETARDANT PER UL94V–0, COLOR– BLUE.
8. STRAIN RELIEF DIM APPLIES WHEN DATUM –Z– IS HELD IN A RESTRAINED CONDITION.
9. THE POLARIZING FEATURE ON THIS END IS NON–EXISTANT ON 2X5 AND 2X7 POSITION CONNECTORS.
10. 2x5 POSITION NOT AVAILABLE WITH POLARIZATION SLOT ON CENTER KEY STYLE.
11. TO ORDER PARTS THAT DO NOT HAVE "MARKED INFO",(DATE, P/N, ETC), ADD A "U" AFTER THE PART NUMBER. EXAMPLE 66900–010 U.
12. ADD "LF" SUFFIX AT THE END OF PART NUMBER FOR LEAD FREE OPTION.
13. IF "LF" P/N THE PRODUCT MEETS EUROPEAN UNION DIRECTIVES AND OTHER COUNTRY REGULATION AS DESCRIBED IN GS–22–008.
14. THE PRODUCT IS NOT INTENDED TO BE EXPOSED TO A MANUFACTURING SOLDER PROCESS.
15. PRODUCT SPEC. BUS–12–082
16. PLATING OPTIONS: MAY BE EITHER GOLD OR GXT PLATED AT MANUFACTURER'S OPTION.
17. FOR CUSTOMER SPECIAL REQUIREMENT.TERMINAL PLATING: 50u"/27u MIN NI UNDERPLATE OVER ENTIRE TERMINAL AND 30u"/.76u MIN Au IN CONTACT AREA ONLY.

mat'l. code				surface ISO 1302	tolerance ISO 406 ISO 1101	projection	product family	QUICKIE
ltr	ecn no	dr	date	tolerances unless otherwise specified			title	DUAL POLARIZEO QUICKIE II ASSEMBLY
W				angles	.XX±.01/.X±0.3	MM		
					.XXX±.005/.XX±0.13			
				0'±2° linear	.XXXX±.0020/.XXX±0.051	scale 1:1		
				dr	MIKE ZHOU	2018/07/20	dwg no	sheet 2 of 2 size
				engr	MIKE ZHOU	2018/07/20	Amphenol FCi	66900 A3
				chr	TIM YAO	2018/07/20		
				appd	TIM YAO	2018/07/20	type	Product Customer Drawing
sheet index	revision sheet							