

**D\*NG - Straight Pressfit Termination**

See pages 4-5.

The D\*NG is based upon the specification CECC75-301-802. These connectors provide a low-cost alternative to traditional through hole solder contacts. Utilizing stamped "Eye of the Needle" compliant contact tails per IEC-352-5, the parts are quickly and easily mounted onto PCBs without soldering, crimping or specialized tooling. The socket contact engaging area utilizes a "spoon" shape with four points of interconnection. Hardware options provide flexibility and ensure that the final product fits the electrical requirements of any application.

**Product Features**

Quick and easy press-in installation without specialized tooling  
 "Spoon" socket contact provides improved interface compared to "Tuning Fork"  
 Closed-entry socket for secure blind mating  
 Front-shell only design based on CECC 75-301-802  
 "Eye of the Needle" compliant contact tails  
 Press-in bolt for ground continuity  
 #4-40 UNC and M3 hardware options

**D\*M Straight Solder Termination (Machined) — Standard PC Tails**

See pages 6-7.

D\*M straight PCB connectors, equivalent to MIL-C-24308 qualified versions (except for finishes) for printed circuit boards and backplanes in demanding applications. Additional contact lengths, hardware and finish options available; consult factory for details.

**Product Features**

7.5 A current capacity  
 Machined contacts  
 2 contact finishes  
 Optional vertical standoffs, screw locks, and boardlocks (4 prongs)  
 UL file number E8572  
 Dimensionally compatible with Combo D®

**ZD\* - Straight Solder Termination (Stamped)**

See pages 8-9.

ZD\* straight connectors are available for applications where price is the primary driver. They are available with or without boardlocks and screw locks.

**Product Features**

Stamped contacts with 5 A current capacity  
 Economical  
 Optional vertical standoffs with optional harpoon style boardlocks or screw locks

**D\* - Straight Solder Termination (Machined) — European PC Tails**

See pages 10-11.

D\* straight connectors are available for high performance uses according to DIN 41652. Available with European length OL contacts.

Select contact finish from 2 performance classes.

**Product Features**

High performance commercial connectors  
 Two contact finish performance classes  
 Optional vertical standoffs, threaded inserts and pushfits/boardlocks  
 OL2 contact length, other lengths available  
 Tin plated contact PC tails (pin & socket)  
 Machined contacts

**D\* - Wrap Post Termination**

See pages 12-13.

D\* straight connectors are available for high performance uses according to DIN 41652. Contacts available in two popular lengths.

**Product Features**

High performance commercial class connectors  
 Two contact lengths for 2 or 3 wraps  
 Machined contacts

**Specifications**

Current Rating	5 A / 25°C, 3.5 A / 70°C ambient
Temperature Rating	-55°C to 125°C
Contact Resistance	10 mΩ
Test Voltage	1200 Vrms at Sea Level
∅ Plated Through Hole	1,09 - 0,94 (.043 - .037)
PC Tail Press-in Force	100N/contact max.
PC Tail Push-out Force	30N/contact min.
PC Board Thickness	3,20 - 1,60 (.125 - .062)

**Materials and Finishes**

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94V-0	None (color: black)
Contact	Copper Alloy	Gold over Nickel (Standard) or Gold over PdNi (-408)
Hardware	Steel/Copper Alloy	Tin/Zinc

**Specifications**

Temperature Rating	-55°C to 125°C
Current Rating	7.5 A
Contact Resistance	55 millivolt max at 7.5 A test current
Dielectric Withstanding Voltage	1000 VAC at Sea Level

**Materials and Finishes**

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94V-0	None (color: dark green)
Contact	Copper Alloy	Gold over Nickel. Terminating end Tin (Socket only)
Hardware	Steel/Copper Alloy	Tin/Zinc

**Specifications**

Temperature Rating	-55°C to 105°C
Current Rating	5 A
Contact Resistance	15 mΩ
Dielectric Withstanding Voltage	1000 VAC at Sea Level

**Materials and Finishes**

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94-0	None (color: black)
Contacts	Copper Alloy	Gold over Nickel
Hardware	Steel/Copper Alloy	Tin/Zinc

**Specifications**

Temperature Rating	-55°C to 125°C
Current Rating	5 A
Contact Resistance	10 mΩ
Dielectric Withstanding Voltage	1250 VAC at Sea Level

**Materials and Finishes**

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94V-0	None (color: dark green)
Contacts	Copper Alloy	Gold over Nickel in mating area, Tin on balance
Hardware	Steel/Copper Alloy	Tin/Zinc

**Specifications**

Temperature Rating	-55°C to 125°C
Current Rating	5 A
Contact Resistance	10 mΩ
Dielectric Withstanding Voltage	1250 VAC at Sea Level

**Materials and Finishes**

Description	Material	Finish
Shell	Steel	Tin
Insulator	Thermoplastic, UL 94V-0	None (color: dark green)
Contact	Socket: Copper Alloy	Gold over Nickel. Terminating end Tin (Socket)
Hardware	Steel/Copper Alloy	Tin/Zinc

Straight Solder Termination (Stamped)

Plug



Part Numbers

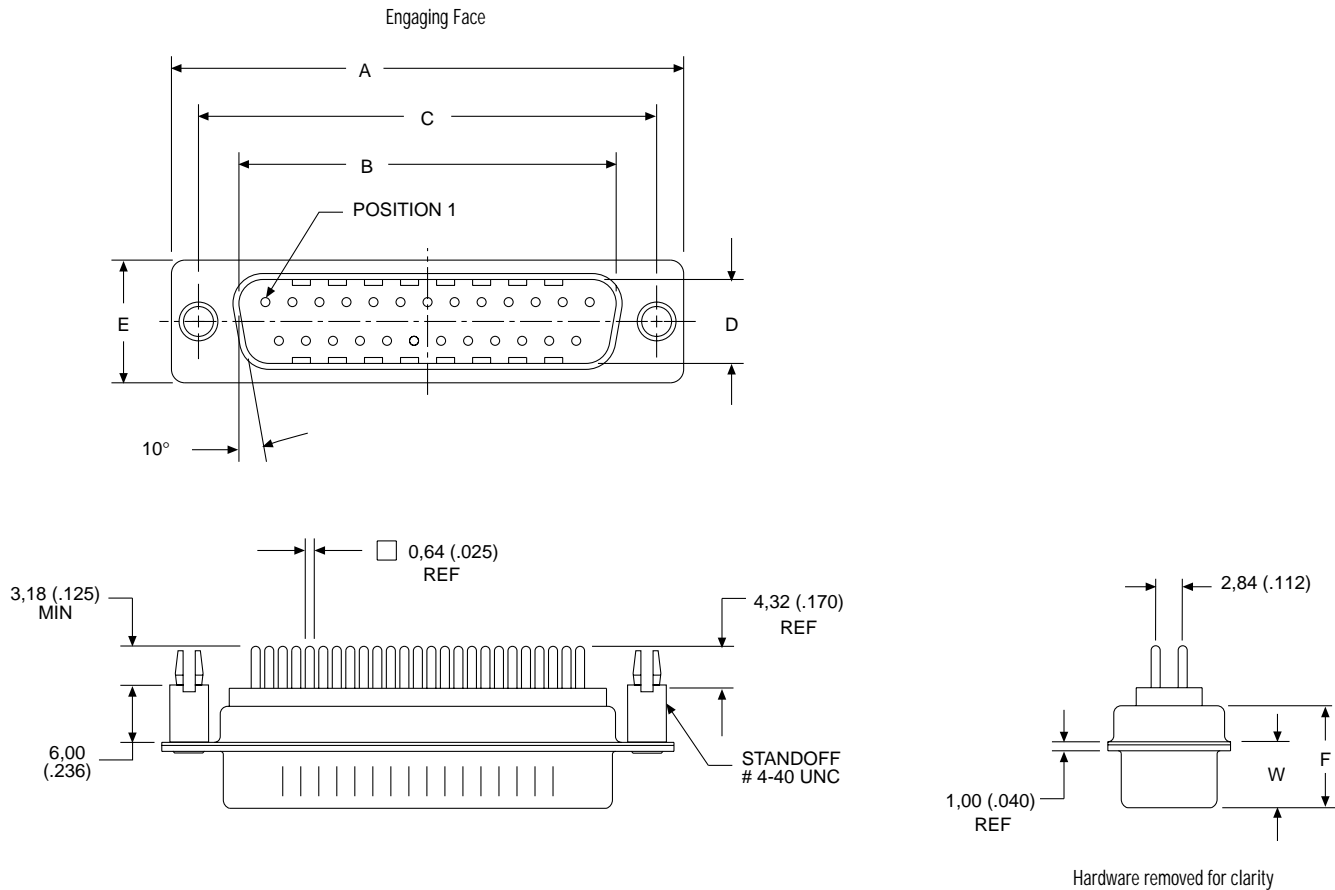
Shell Size	Layout	Through Hole	Standoff With Boardlock
DE	9	ZDE9P-OL2	ZDEE9P-OL2-146
DA	15	ZDA15P-OL2	ZDAE15P-OL2-146
DB	25	ZDB25P-OL2	ZDBE25P-OL2-146
DC	37	ZDC37P-OL2	ZDCE37P-OL2-146
DD	50	ZDD50P-OL2	ZDDE50P-OL2-146

Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 2-3.

Reader's Resource

For contact cavity arrangements, see page 224.  
 For P.C. hole patterns, see page 274.  
 For panel cutouts, see page 221.  
 For hardware views (Standard), see page 226.

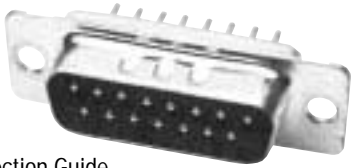


Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)

Straight Solder Termination (Machined) — European PC Tails

Plug



Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 2-3.

Reader's Resource

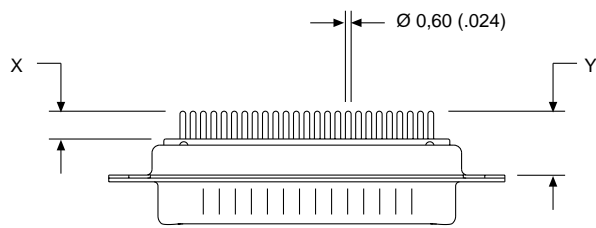
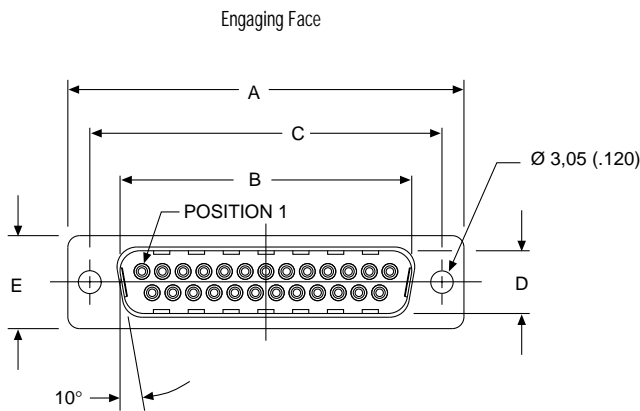
For contact cavity arrangements, see page 224.  
 For P.C. hole patterns, see page 274.  
 For panel cutouts, see page 221.  
 For hardware views (European), see page 227.

Part Numbers

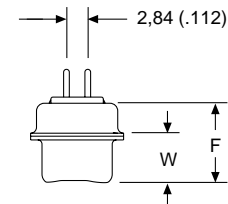
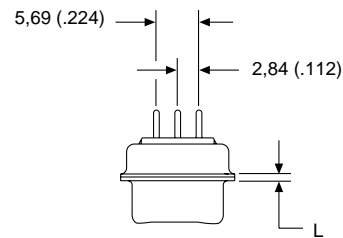
Shell Size	Layout	Through Hole	Standoff #4-40 UNC With Pushfit/Boardlock	Standoff M3 With Pushfit/Boardlock
DE	9	DE9P-OL2-K87	DEE9P-OL2-K87-146	DEX9P-OL2-K87-146
DA	15	DA15P-OL2-K87	DAE15P-OL2-K87-146	DAX15P-OL2-K87-146
DB	25	DB25P-OL2-K87	DBE25P-OL2-K87-146	DBX25P-OL2-K87-146
DC	37	DC37P-OL2-K87	DCE37P-OL2-K87-146	DCX37P-OL2-K87-146
DD	50	DD50P-OL2-K87	DDE50P-OL2-K87-146	DDX50P-OL2-K87-146

Note: For performance class 2 add -A191. Example DA15P-OL2-A191-K87.

PC Tail Modifier	X ±0,30 (.012)	Y ±0,30 (.012)
OL2	5,20 (.205)	10,20 (.401)
OL4	6,75 (.266)	11,80 (.465)



DD Configuration



Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

## Wrap Post Termination

Plug



### Part Numbers

Shell Size	Layout	Through Hole
DE	9	DE9P-F179A-K87
DA	15	DA15P-F179A-K87
DB	25	DB25P-F179A-K87
DC	37	DC37P-F179A-K87
DD	50	DD50P-F179A-K87

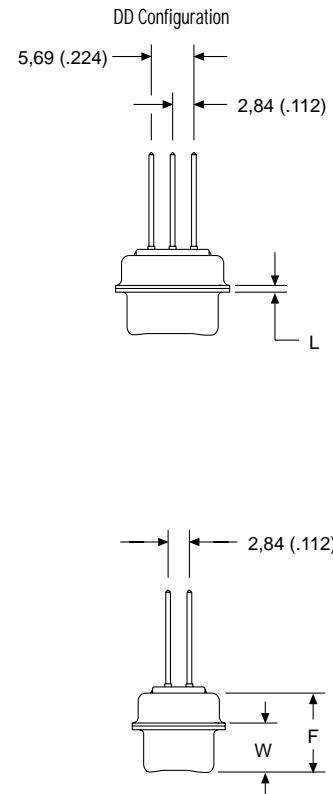
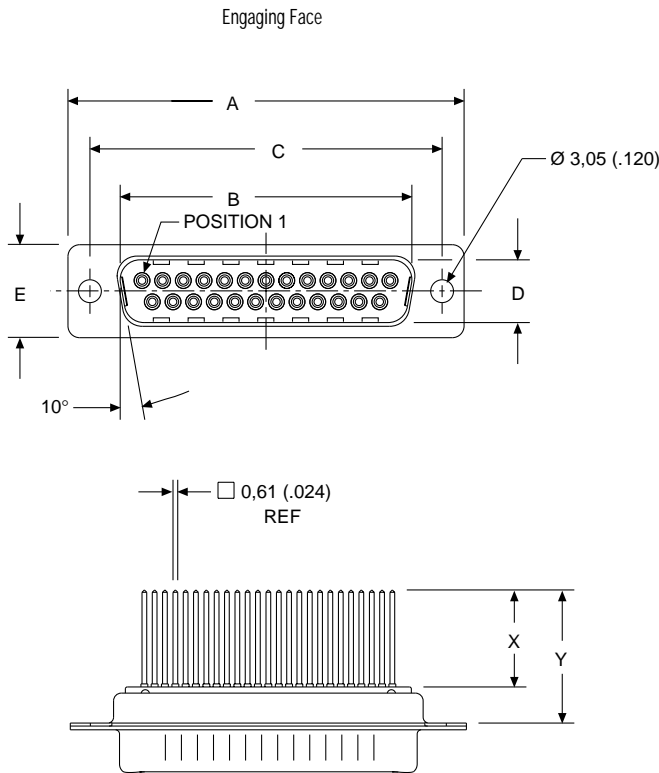
### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 2-3.

Modification Code	Number of Wraps	X max.	Y ±0,89 (.035)
F179	2	10,21 (.402)	15,20 (.598)
F179A	3	13,61 (.536)	18,60 (.732)

### Reader's Resource

For contact cavity arrangements, see page 224.  
 For P.C. hole patterns, see page 274.  
 For panel cutouts, see page 221.  
 For hardware views (Standard), see page 226.

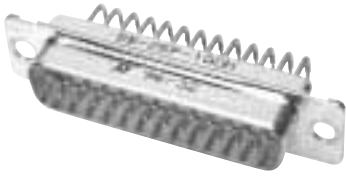


### Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,64 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,64 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,64 (.269)	0,99 (.039)

## 90° Solder Termination (Machined) — European Footprint 10,2♦ or 9,4 mm♦♦

### Plug



### Part Numbers

Shell Size	Layout	Through Hole
DE	9	DE9P-1A0N-K87
DA	15	DA15P-1A0N-K87
DB	25	DB25P-1A0N-K87
DC	37	DC37P-1A0N-K87
DD	50	DD50P-1A0N-K87

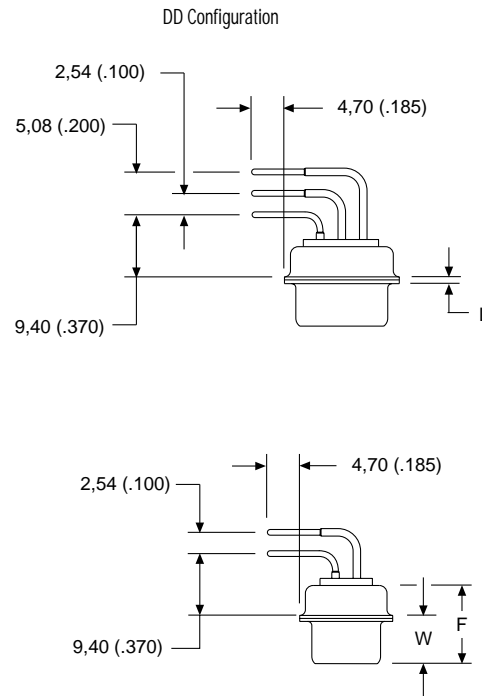
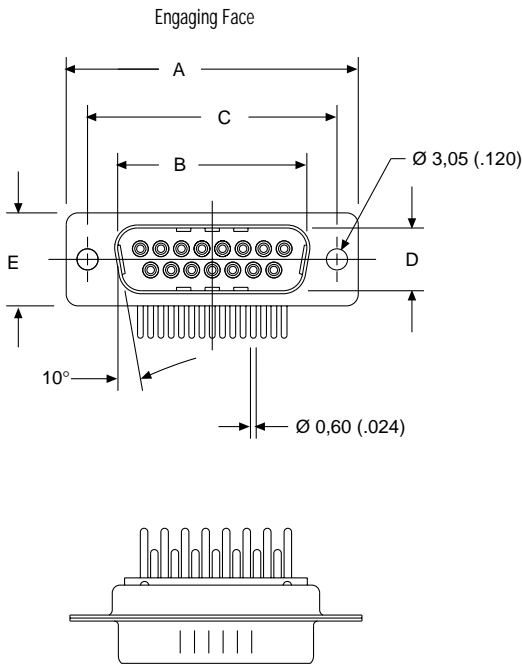
Note: For performance class 2 add -A191. Example: DE9P-1A0N-A191-K87

### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 14-15.

### Reader's Resource

For contact cavity arrangements, see page 224.  
 For P.C. hole patterns, see page 273.  
 For panel cutouts, see page 221.  
 For hardware views (European), see page 227.



### Dimensions

Shell Size	A	B	C	D	E	F	W	W	L
	$\pm 0,38 (.015)$	$\pm 0,13 (.005)$	$\pm 0,13 (.005)$	$\pm 0,13 (.005)$	$\pm 0,38 (.015)$	$\pm 0,25 (.010)$	$\pm 0,368 (.0145)$	$\pm 0,41 (.016)$	$\pm 0,25 (.010)$
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

- ♦ Connector footprint measured from the front shell.
- ♦♦ Connector footprint measured from the rear shell.

## 90° Solder Termination (Machined) with Metal Bracket — European Footprint 10,2♦ or 9,4♦♦ mm

### Plug



### Part Numbers

Shell Size	Layout	Bushing with Through Hole	Captive Nut #4-40 UNC	Captive Nut M3	Post #4-40 UNC
DE	9	DE9P-1AFN-K87	DE9P-1A7N-K87	DE9P-1A9N-K87	DE9P-1A8N-K87
DA	15	DA15P-1AFN-K87	DA15P-1A7N-K87	DA15P-1A9N-K87	DA15P-1A8N-K87
DB	25	DB25P-1AFN-K87	DB25P-1A7N-K87	DB25P-1A9N-K87	DB25P-1A8N-K87
DC	37	DC37P-1AFN-K87	DC37P-1A7N-K87	DC37P-1A9N-K87	DC37P-1A8N-K87
DD	50	DD50P-1AFN-K87	DD50P-1A7N-K87	DD50P-1A9N-K87	DD50P-1A8N-K87

### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 14-15.

Notes: For pushfit/boardlock option add -146. Example: DE9P-1AFN-K87-146  
For performance class 2 add -A191. Example: DE9P-1AFN-A191-K87

### Reader's Resource

For contact cavity arrangements, see page 224.  
For P.C. hole patterns, see page 273.  
For panel cutouts, see page 221.  
For hardware views (European), see page 227.



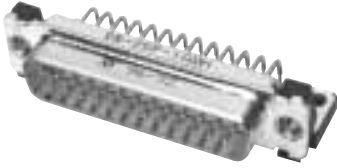
### Dimensions

Shell Size	A ±0,38 (.015)	B ±0,13 (.005)	C ±0,13 (.005)	D ±0,13 (.005)	E ±0,38 (.015)	F ±0,25 (.010)	W ±0,368 (.0145)	W ±0,41 (.016)	L ±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

- ♦ Connector footprint measured from the front shell.
- ♦♦ Connector footprint measured from the rear shell.

## 90° Solder Termination (Machined) with Plastic Bracket and Grounding Strap — European Footprint 10,2♦ or 9,4 mm♦♦

### Plug



### Part Numbers

Shell Size	Layout	Through Hole	Captive Nut #4-40 UNC	Captive Nut M3	Post #4-40 UNC
DE	9	DE9P-1ADN-K87	DE9P-1AWN-K87	DE9P-1AVN-K87	DE9P-1AJN-K87
DA	15	DA15P-1ADN-K87	DA15P-1AWN-K87	DA15P-1AVN-K87	DA15P-1AJN-K87
DB	25	DB25P-1ADN-K87	DB25P-1AWN-K87	DB25P-1AVN-K87	DB25P-1AJN-K87
DC	37	DC37P-1ADN-K87	DC37P-1AWN-K87	DC37P-1AVN-K87	DC37P-1AJN-K87
DD	50	DD50P-1ADN-K87	DD50P-1AWN-K87	DD50P-1AVN-K87	DD50P-1AJN-K87

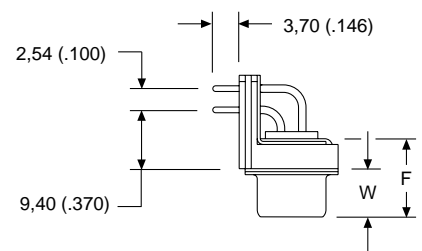
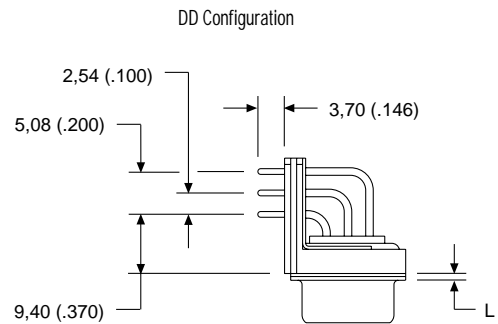
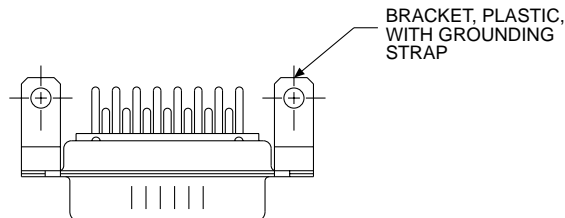
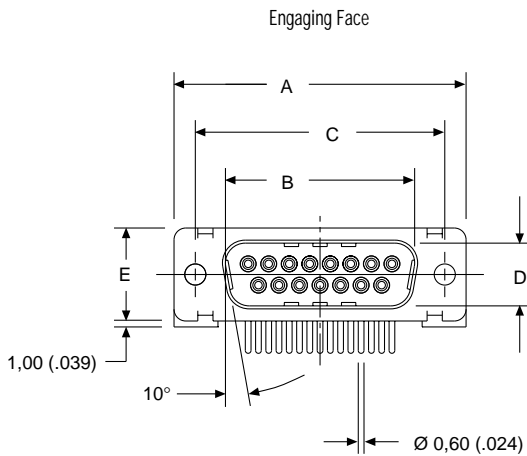
Notes: For pushfit/boardlock option add -146. Example: DE9P-1ADN-K87-146  
 For performance class 2 add -A191. Example: DE9P-1ADN-A191-K87

### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 14-15.

### Reader's Resource

For contact cavity arrangements, see page 224.  
 For P.C. hole patterns, see page 273.  
 For panel cutouts, see page 221.  
 For hardware views (European), see page 227.



### Dimensions

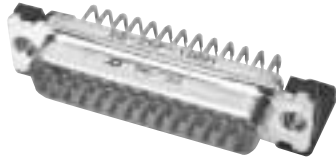
Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

♦ Connector footprint measured from the front shell.  
 ♦♦ Connector footprint measured from the rear shell.



## 90° Solder Termination (Machined) with Plastic Bracket — European Footprint 10,2♦ or 9,4 mm♦♦

Plug



Part Numbers

Shell Size	Layout	Through Hole	Captive Nut #4-40 UNC	Captive Nut M3	Post #4-40 UNC
DE	9	DE9P-1A5N-K87	DE9P-1AUN-K87	DE9P-1ATN-K87	DE9P-1A6N-K87
DA	15	DA15P-1A5N-K87	DA15P-1AUN-K87	DA15P-1ATN-K87	DA15P-1A6N-K87
DB	25	DB25P-1A5N-K87	DB25P-1AUN-K87	DB25P-1ATN-K87	DB25P-1A6N-K87
DC	37	DC37P-1A5N-K87	DC37P-1AUN-K87	DC37P-1ATN-K87	DC37P-1A6N-K87
DD	50	DD50P-1A5N-K87	DD50P-1AUN-K87	DD50P-1ATN-K87	DD50P-1A6N-K87

Notes: For pushfit/boardlock option add -146. Example: DE9P-1A5N-K87-146  
 For performance class 2 add -A191. Example: DE9P-1A5N-A191-K87

### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 14-15.

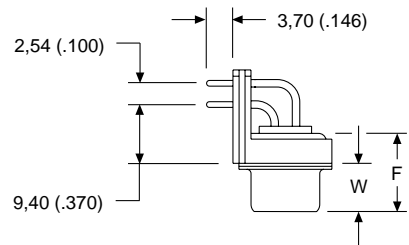
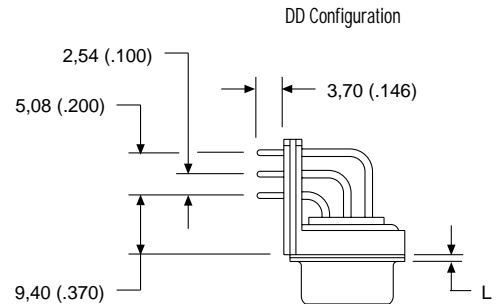
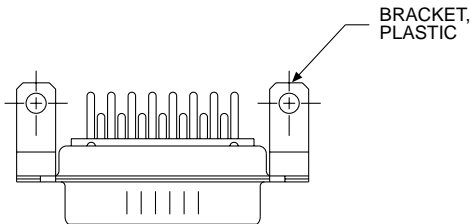
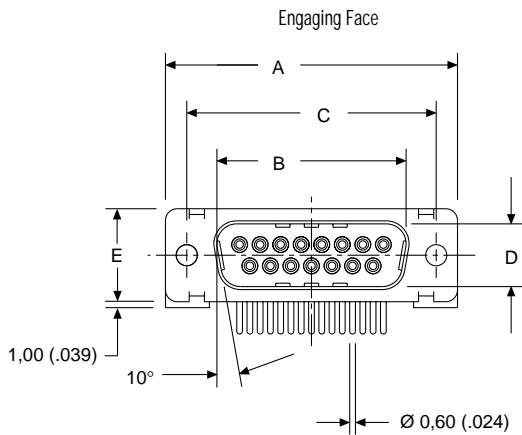
### Reader's Resource

For contact cavity arrangements, see page 224.

For P.C. hole patterns, see page 273.

For panel cutouts, see page 221.

For hardware views (European), see page 227.



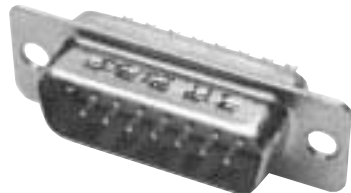
### Dimensions

Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.145)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

♦ Connector footprint measured from the front shell.  
 ♦♦ Connector footprint measured from the rear shell.

## Solder Cup Termination (Machined) with Tin Shells

Plug



Part Numbers

Shell Size	Layout	Through Hole	Clinch Nut #4-40 UNC	Clinch Nut M3
DE	9	DE9PK87	DEE9PK87	DEX9PK87
DA	15	DA15PK87	DAE15PK87	DAX15PK87
DB	25	DB25PK87	DBE25PK87	DBX25PK87
DC	37	DC37PK87	DCE37PK87	DCX37PK87
DD	50	DD50PK87	DDE50PK87	DDX50PK87

### Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 30-31.

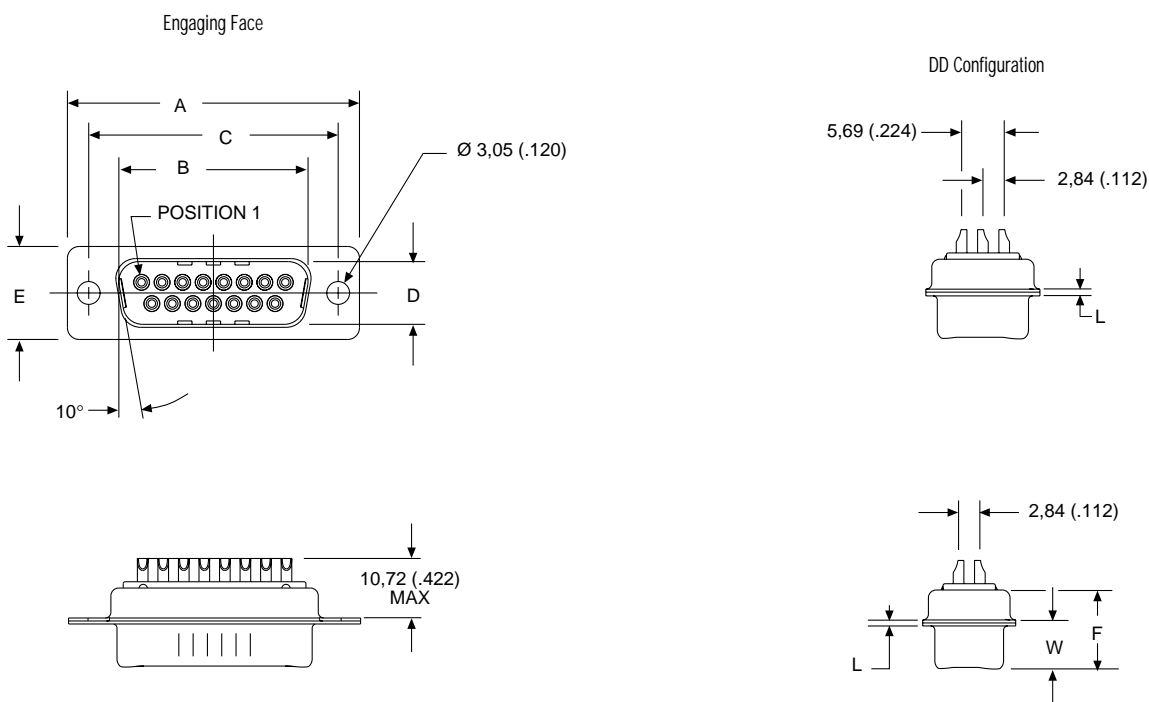
Note: For performance class 2, add A191. Example: DA15PA191K87.

### Reader's Resource

For contact cavity arrangements, see page 224.

For panel cutouts, see page 221.

For hardware views (European), see page 227.



### Dimensions

Shell Size	A	B	C	D	E	F	W	W	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	0,99 (.039)

Solder Cup Termination (Stamped) with Tin Shells

Plug

Selection Guide

For Product Features, Specifications, Materials and Finishes, see pages 30-31.

Reader's Resource

For contact cavity arrangements, see page 224.

For panel cutouts, see page 221.

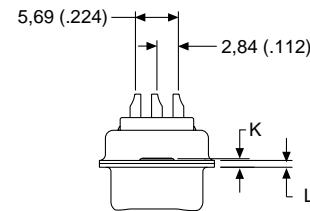
For hardware views (Standard), see page 226.

Part Numbers

Shell Size	Layout	Through Hole
DE	9	ZDE9P
DA	15	ZDA15P
DB	25	ZDB25P
DC	37	ZDC37P
DD	50	ZDD50P



DD Configuration



Dimensions

Shell Size	A	B	C	D	E	F	W	W	K	K	L
	±0,38 (.015)	±0,13 (.005)	±0,13 (.005)	±0,13 (.005)	±0,38 (.015)	±0,25 (.010)	±0,368 (.0145)	±0,41 (.016)	±0,317 (.0125)	±0,25 (.010)	±0,25 (.010)
DE	30,81 (1.213)	16,92 (.666)	24,99 (.984)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DA	39,14 (1.541)	25,25 (.994)	33,32 (1.312)	8,36 (.329)	12,55 (.494)	10,72 (.422)	6,693 (.2635)	—	1,206 (.0475)	—	0,76 (.030)
DB	53,04 (2.088)	38,96 (1.534)	47,04 (1.852)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DC	69,32 (2.729)	55,42 (2.182)	63,50 (2.500)	8,36 (.329)	12,55 (.494)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)
DD	66,93 (2.635)	52,81 (2.079)	61,11 (2.406)	11,07 (.436)	15,37 (.605)	10,82 (.426)	—	6,84 (.269)	—	1,52 (.060)	0,99 (.039)

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DCMP21CA4PVK87	50	DCMY13W6PK87	78	DCNG37S-P1	5	DDE50S-OL2-A197-146	11
DCMP21CA4SJA197	45	DCMY13W6PNM	188	DCNGE37P-P1	4	DDE50SA197	33
DCMP21CA4SVA197	51	DCMY13W6SA197	79	DCNGE37S-P1	5	DDJK50P*-OL4	120
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DCMP25C3SVA197	51	DCMY21WA4SA197	79	DCW37P*G	38	DDM-24W7P-NMC-76	195
DCMP25H3PJK87	60	DCMY21WA4SNM	189	DCW37S*	39	DDM-24W7P-OL2-K87	76
DCMP25H3SJA197	61	DCMY25W3PK87	78	DCW37S*G	39	DDM-24W7P-OL4-K87	76
DCMP25P3PVK87	64	DCMY25W3PNM	188	DCWE37P*	38	DDM-24W7S-1A0N-A197	75
DCMP25P3SVA197	65	DCMY25W3SA197	79	DCWE37P*G	38	DDM-24W7S-1A7N-A197	75
DCMP27C2PJK87	44	DCMY25W3SNM	189	DCWE37S*	39	DDM-24W7S-NMB-76	195
DCMP27C2PVK87	50	DCMY27W2PK87	78	DCWE37S*G	39	DDM-24W7S-NMC-76	195
DCMP27C2SJA197	45	DCMY27W2PNM	188	DCX37P-OL2-K87-146	10	DDM-24W7S-OL2-A197	77
DCMP27C2SVA197	51	DCMY27W2SA197	79	DCX37PK87	32	DDM-24W7S-OL4-A197	77
DCMP27H2PJK87	60	DCMY27W2SNM	189	DCX37S-OL2-A197-146	11	DDM-36W4P-1A0N-K87	74
DCMP27H2SJA197	61	DCMY37P	140	DCX37SA197	33	DDM-36W4P-1A7N-K87	74
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DCMP37PJK87	16	DCMY37POL3NM	172	DD115339-24	205	DDM-36W4P-OL4-K87	76
DCMP37SJA197	17	DCMY37S	141	DD115339-4	207	DDM-36W4S-1A0N-A197	75
DCMP8C8PJK87	44	DCMY37SNM	181	DD115386-103A	195	DDM-36W4S-1A7N-A197	75
DCMP8C8PVK87	50	DCMY37SNM*1A0N	177	DD121073-153	200	DDM-36W4S-NMB-77	195
DCMP8C8SJA197	45	DCMY37SOL3NM	173	DD121073-53	200	DDM-36W4S-NMC-76	195
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DCMP8H8PJK87	60	DCMY8W8PNM	188	DD19678-172	195	DDM-36W4S-OL4-A197	77
DCMP8H8SJA197	61	DCMY8W8SA197	79	DD19678-176	195	DDM-43W2P-1A0N-K87	74
DCMP8P8PVK87	64	DCMY8W8SNM	189	DD19678-4	204	DDM-43W2P-1A7N-K87	74
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DCMV17H5PNK87	66	DCMZ17H5PYK87	70	DD50P-1A8N-K87	22	DDM-47W1S-1A7N-A197	75
DCMV17H5PYK87	70	DCMZ17H5SNA197	67	DD50P-1A9N-K87	22	DDM-47W1S-NMC-76	195
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DCMV25C3SNA197	53	DCMZ25C3SYA197	57	DD50S-1A6N-A197	27	DDM24W7PNMBK52	195
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DCMV27H2PYK87	70	DCMZ27H2SNA197	67	DD50S-1AWN-A197	25	DDM36W4P1A0NMBK52	195
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# D Subminiature

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DM130340-4	90	DM53741-5063	87	M85049/48-1-1	203	ZDE9S-1AKN-146	29
DM130341	90	DM53742	86	M85049/48-1-2	203	ZDE9S-A191	35
DM130341-1	90	DM53742-1	86	M85049/48-1-3	203	ZDE9S-OL2	9
DM130341-4	90	DM53742-16	86, 195	M85049/48-1-4	203	ZDEE9P-OL2-146	8
DM130342	90	DM53742-17	86, 195	M85049/48-1-5	203	ZDEE9S-OL2-146	9
DM130342-1	90	DM53742-18	86, 195	M85049/48-2-1	203	ZDEL9P-1AKN-146	28
DM130342-4	90	DM53742-19	86, 195	M85049/48-2-2	203	ZDEL9S-1AKN-146	29
DM130343	90	DM53742-3	86	M85049/48-2-3	203	ZEDA15PBA	18
DM130343-1	90	DM53742-36	86	M85049/48-2-4	203	ZEDA15SBA	19
DM130343-4	90	DM53742-37	190	M85049/48-2-5	203	ZEDAL15PBA	18
DM130346-2	92	DM53742-5	86	M85049/48-3-2	204	ZEDAL15SBA	19
DM130352-2	92	DM53742-5000	86	M85049/48-3-3	204	ZEDB25PBA	18
DM130358-2	92	DM53742-5001	86	M85049/48-3-4	204	ZEDB25SBA	19
DM13041-1	191	DM53742-5002	86	M85049/48-3-5	204	ZEDBL25PBA	18
DM13042-1	191	DM53742-5004	86	M85049/50-1	204	ZEDBL25SBA	19
DM13043-1	191	DM53742-5006	86	M85049/50-2	204	ZEDC37PBA	18
DM51155	91	DM53742-5085	86	M85049/50-3	204	ZEDC37SBA	19
DM51155-12	94	DM53742-5086	86	M85049/50-4	204	ZEDCL37PBA	18
DM51155-13	94	DM53742-5089	86	M85049/50-5	204	ZEDCL37SBA	19
DM51155-5000	91	DM53742-5091	86	MDSM-15PE-Z10-VR22	99	ZEDE9PBA	18
DM51155-5004	91	DM53742-5092	86	MDSM-15SC-Z11-VS1	100	ZEDE9SBA	19
DM51155-5005	195	DM53742-5126	86	MDSM-18PE-Z10-VR25	99	ZEDL9PBA	18
DM51155-7	91, 195	DM53742-5127	190	MDSM-25PE-Z10-VR17	99	ZEDL9SBA	19
DM51157	91	DM53743-16	87, 195	MDSM-25SC-Z11-VS1	100		
DM51157-13	94	DM53743-17	87, 195	MDSM-30PE-Z10-VR22	99		
DM51157-14	94	DM53743-18	87, 195	MDSM-9PE-Z10-VR25	99		