

D-SUB CONNECTOR PART NUMBER SELECTION SYSTEM

To order a combination connector, please fill in the blanks to determine your part number.

Series Prefix

- P = Monoblock Insulator.
- PR = RoHS Compliant Monoblock Insulator.
- D = Doubleblock Insulator
(Excluded For Right Angle Contacts).
- DR = RoHS Compliant Doubleblock Insulator
(Excluded For Right Angle Contacts).
- E = EMI Shielded Insulator (Only Available For Size 8 Contacts Without Any Signal Contacts).
- ER = RoHS Compliant EMI Shielded Insulator
(Only Available For Size 8 Contacts Without Any Signal Contacts) (Not Currently Available).
- H = High Temperature Insulator.
- HR = RoHS Compliant High Temperature Insulator.
- N = Non-Magnetic D-Sub Connector.
- NR = RoHS Compliant Non-Magnetic D-Sub Connector (Not Currently Available).

Insulator Type Modifier

Enter Two or Three Characters Per D-Subminiature Selection Guide.

Connector Gender

- D = Dimpled Shell (Plug Only).
- P = Plug (Male).
- R = Receptacle (Female).

Signal Contact Modifier

Blank, If None Required.
See Signal Contact Modifiers Table For Selections.
(Others Are Available. Contact Factory For More Options).

Signal Contact Finish Code Modifier

- Blank, If None Required Or Standard Plating Of 0.000030 Gold Over Nickel.
- A = 0.000050 Gold Over Nickel.
- C = 0.000050 Gold Over Copper.
- D = 0.000030 Gold Over Copper.
- H = Non-Magnetic 0.000050 Gold Over Copper.

Shell Finish Modifier

- 1 = Yellow Chromate Over Zinc (Standard).
- 2 = Yellow Chromate Over Cadmium.
- 3 = Tin (Alternate RoHS).
- 4 = Non-Magnetic.
- 5 = Clear Trivalent Chromate Over Zinc (Standard RoHS).

Mounting Hardware Modifier

- For Unique Hardware Requirements, Contact Factory For More Options.
- Blank= 0.120 Diameter Through Hole (Rivet, Standard).
- A = 0.165 Through Hole (Tab).
- B = #4-40 Cinch Nut.
- C = Straight #4-40 Swaged Standoff Fastener.
- D = Dual Float Mount.
- E = #4-40 Standoff, Right Angle Bracket With 0.420 Hole Location.
- F = #4-40 Standoff, Right Angle Bracket With 0.340 Hole Location.
- G = #4-40 Standoff, Right Angle Bracket With 0.420 Hole Location and Push-On Fastener Board Lock.
- H= #4-40 Standoff, Right Angle Bracket With 0.340 Hole Location and Push-On Fastener Board Lock.
- J= Internal D-Sub Guide Pin With Straight #4-40 Swaged Standoff Fastener (Mates With K,L,M,N).
- K= Internal D-Sub Guide Bushing with Right Angle Bracket With 0.420 Or 0.395 Hole Location.
- L= Internal D-Sub Guide Bushing With Right Angle Bracket With 0.340 Hole Location.
- M= Internal D-Sub Guide Bushing With Right Angle Bracket With 0.420 Or 0.395 Hole Location And Push-On Fastener Board Lock.
- N= Internal D-Sub Guide Bushing With Right Angle Bracket With 0.340 Hole Location And Push-On Fastener Board Lock.
- P= Screw Lock Kit Male (Screw Retainer).
- Q= Screw Lock Kit (Female Screw Lock).
- R= Ground Strap (Refer To Succeeding Pages).
- S= Loaded Guide Pin Plate (Refer To Succeeding Pages).
- T= Loaded Reversed Guide Pin Plate (Refer To Succeeding Pages).

Size 8 Contact Finish Modifier

- A = 0.000050 Gold Over Nickel.
- B = 0.000030 Gold Over Nickel.
- C = 0.000050 Gold Over Copper.
- D = 0.000030 Gold Over Copper (Standard).
- J = Non-Magnetic Plating.

Size 8 Contact Modifier

Enter Two Characters, Per Size 8 Contact Modifier Table.
(Others Are Available. Contact Factory For More Options).



Dimensions are subject to change without notice.

555 Pond Drive • Wood Dale, IL 60191 • Toll Free (800)323-9562

D-SUB CONNECTOR PART NUMBER SELECTION SYSTEM

Signal Contact Modifiers

Contact Listing By Board Thickness		STRAIGHT				RIGHT ANGLE	
		WITHOUT STANDOFFS		WITH STANDOFFS		WITHOUT STANDOFFS	
CODE	DIAMETER	EXTENSION LENGTH	BOARD THICKNESS	EXTENSION LENGTH	BOARD THICKNESS	EXTENSION LENGTH	BOARD THICKNESS
E	.030 (0.76)	.125 (3.18)	.093 (2.36)	-	-	-	-
B	.040 (1.02)	.125 (3.18)	.093 (2.36)	-	-	-	-
M	.030 (0.76)	.156 (3.96)	.125 (3.18)	-	-	-	-
H	.040 (1.02)	.156 (3.96)	.125 (3.18)	-	-	-	-
Z	.030 (0.76)	.184 (4.67)	.156 (3.96)	-	-	-	-
X	.040 (1.02)	.184 (4.67)	.156 (3.96)	-	-	-	-
J	.030 (0.76)	.204 (5.18)	.184 (4.67)	.089 (2.26)	.062 (1.57)	-	-
A	.040 (1.02)	.265 (6.73)	.250 (6.35)	.150 (3.81)	.125 (3.18)	-	-
F	.030 (0.76)	-	-	-	-	0.93 (2.36)	.062 (1.57)
G	.024 (0.61)	-	-	-	-	.156 (3.96)	.125 (3.18)
S	SOLDERCUP						

Size 8 Contact Modifiers

- 4: Modifier- 50 Ohm Coax (0.030" Center Pin).
 4A- Straight PCB.
 4B- Right Angle PCB 0.370 From Flange.
 4C- Right Angle PCB 0.470 From Flange (D Size Only).
 4D- Right Angle PCB 0.270 From Flange.
- 5: Modifier- Standard Coax Modifier (0.040" Center Pin).
 5A- Straight PCB.
 5B- Right Angle PCB 0.370 From Flange.
 5D- Right Angle PCB 0.270 From Flange.
- 6: Modifier- PKZ Coax.
 6A- Straight PCB.
 6B- Right Angle PCB 0.370 From Flange.
 6D- Right Angle PCB 0.270 From Flange.
 6F- Right Angle PCB 0.470 From Flange (D Size Only).
- 7: Modifier- 75 Ohm Coax.
 7B- Straight PCB.
 7H- Right Angle PCB 0.370 From Flange.

- 8: Modifier- High Voltage.
 8A- Straight Cable.
 8B- Right Angle Cable.
- 9: Modifier- High Power.
 9A- Straight PCB 20 Amp.
 9B- Straight PCB 40 Amp.
 9C- Right Angle PCB 20 Amp (0.570 Extension).
 9D- Right Angle PCB 40 Amp (0.570 Extension).
 9F- Right Angle PCB 40 Amp (0.810 Extension).
 9G- Straight Solder Cup 20 Amp.
 9H- Straight Solder Cup 40 Amp.
 9J- Right Angle Solder Cup 20 Amp.
 9K- Right Angle Solder Cup 40 Amp.
 9R- Right Angle Solder Cup 10 Amp.
 9S- Straight Solder Cup 10 Amp.
 9T- Straight Crimp 10 Amp.
 9U- Straight Crimp 20 Amp.
 9W- Straight Crimp 40 Amp.

Notes:

For Mixed Size 8 Combinations (i.e. Coax With Power)- Please Consult Factory.
 Coaxial Contacts Are Ordered Separately.



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