

# PART NUMBER SELECTION SYSTEM

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

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Series Prefix

- P = Monoblock Insulator
- B = Double Block Insulator with Close Entry for Coax and 20 Gage Signal Contacts
- C = Crimp Removable Insulator
- D = Double Block Insulator (Excludes Right Angle Style)
- E = EMI Insulator (Size 8 Only)
- H = High Temperature Thermoplastic Insulator
- N = Non-Magnetic D-Sub

Insulator Type Modifier

(Enter Two or Three Characters)  
See D-Subminiature Selection Guide  
Examples: 33 = 3W3    2A4 = 21WA4  
          214 = 21W4 etc.

Connector Style Modifier

- P = Plug Connector with Pin Signal Contacts
- R = Receptacle Connector with Socket Signal Contacts
- D = Dimpled (Indented) Shell (Plug Only)

Signal Contact Modifier

S = Solder Cup (Standard)  
Blank if none required (i.e. 3W3, 5W5, 8W8 etc.)  
See Table (Opposite Page)

Signal Finish Code Modifier

Blank if no signal is used (i.e. 3W3, 5W5, 8W8 etc.)  
Machined 20 Gage Signal Contacts:  
A = 0.000050 Gold over Nickel  
Blank = 0.000030 Gold over Nickel (Standard)  
C = 0.000050 Gold over Copper  
D = 0.000030 Gold over Copper  
H = Non-Magnetic 0.000050 Gold over Copper  
Stamped and Formed 20 Gage Signal Contacts  
X = 0.000050 Gold over Nickel  
Y = 0.000030 Gold over Nickel (Standard)  
Z = 0.000010 Gold Flash over Nickel

Shell Finish Modifier

- 1 = Yellow Chromate over Zinc (Standard)
- 2 = Yellow Chromate over Cadmium
- 3 = Tin
- 4 = Non-Magnetic (Should use "H" Contact Finish Modifier for Signal and Size 8 Contacts)

Mounting Hardware Modifier

- For unique hardware requirements, please consult factory.  
Blank = 0.120 Diameter Through Hole (Rivet, Standard)  
A = 0.165 Through Hole (Tab)  
B = #4-40 Clinch 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

D = 0.000030 Gold over Copper (Standard)  
Blank if no coax is used  
A = 0.000050 Gold over Nickel  
B = 0.000030 Gold over Nickel  
(Only plating option available for Stamped and Formed Contacts)  
C = 0.000050 Gold over Copper  
H = Non-Magnetic 0.000050 Gold over Copper  
F = Flash Plating 0.000010 Gold over Nickel

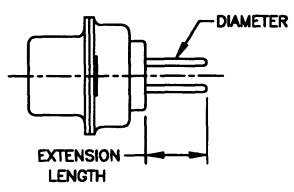
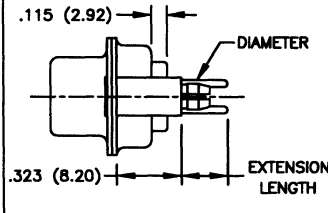
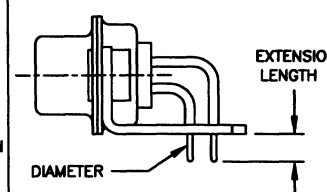
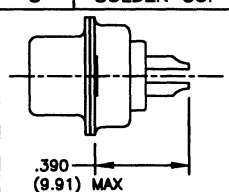
Size 8 Contact Modifier

(Enter two characters)  
Blank if none required  
See Table (Opposite Page)



# 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
L	0.030 (0.76)	0.093 (2.36)	0.062 (1.57)	—	—	—	—
E	0.030 (0.76)	0.125 (3.18)	0.093 (2.36)	—	—	—	—
B	0.040 (1.02)	0.125 (3.18)	0.093 (2.36)	—	—	—	—
M	0.030 (0.76)	0.156 (3.96)	0.125 (3.18)	—	—	—	—
H	0.040 (1.02)	0.156 (3.96)	0.125 (3.18)	—	—	—	—
Z	0.030 (0.76)	0.184 (4.67)	0.156 (3.96)	—	—	—	—
X	0.040 (1.02)	0.184 (4.67)	0.156 (3.96)	—	—	—	—
J	0.030 (0.76)	0.204 (5.18)	0.184 (4.67)	0.089 (2.26)	0.062 (1.57)	—	—
A	0.040 (1.02)	0.265 (6.73)	0.250 (6.35)	0.150 (3.81)	0.125 (3.18)	—	—
F	0.030 (0.76)	—	—	—	—	0.093 (2.36)	0.062 (1.57)
G	0.024 (0.61)	—	—	—	—	0.156 (3.96)	0.125 (3.18)
S	SOLDER CUP						
							

**Notes:**  
 Stamped and Formed contacts are available in 0.030 (0.76) & 0.040 (1.02) equivalent diameters.  
 Consult factory for 20 gage contact modifier for unique lengths and bends.

## Size 8 Contact Modifiers

<p><b>4 Modifier— 50 Ohm Coax (0.030" Center Pin)</b></p> <p>4A — Straight PC</p> <p>4B — Right Angle PC 0.370 from Flange</p> <p>4D — Right Angle PC 0.270 from Flange</p> <p><b>5 Modifier — Standard Coax Modifier (0.040" Center Pin)</b></p> <p>5A — Straight PC</p> <p>5B — Right Angle PC 0.370 from Flange</p> <p>5C — Right Angle PC Receptacle Stamped and Formed (Not Available on D Size Shell)</p> <p>5D — Right Angle PC 0.270 from Flange</p> <p><b>6 Modifier — PkZ Coax</b></p> <p>6A — Straight PC</p> <p>6B — Right Angle PC 0.370 from Flange</p> <p>6D — Right Angle PC 0.270 from Flange</p> <p><b>7 Modifier — 75 Ohm Coax</b></p> <p>7A — T.B.A.</p> <p>7B — T.B.A.</p> <p>7C — Right Angle PC Receptacle Stamped and Formed (Not Available on D Size Shell)</p> <p>7D — Right Angle PC Receptacle Stamped and Formed 0.203 Extension (Not Available on D Size Shell)</p>	<p><b>8 Modifier — High Voltage</b></p> <p>8A — Straight Cable</p> <p>8B — Right Angle Cable</p> <p><b>9 Modifier — High Power</b></p> <p>9A — Straight PC 10/20 Amp</p> <p>9B — Straight PC 40 Amp</p> <p>9C — Right Angle PC 10/20 Amp (0.570 Extension)</p> <p>9D — Right Angle PC 40 Amp (0.570 Extension)</p> <p>9E — T.B.A.</p> <p>9F — Right Angle PC 40 Amp (0.810 Extension)</p> <p>9G — Straight Solder Cup 10/20 Amp</p> <p>9H — Straight Solder Cup 40 Amp</p> <p>9J — Right Angle Solder Cup 10/20 Amp</p> <p>9K — Right Angle Solder Cup 40 Amp</p>
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**Notes:**  
 For mixed Size 8 combinations (i.e. Coax with Power) — please consult factory.  
 Coaxial contacts are ordered separately due to crimping requirements.

