HOW TO ORDER

D	B	M	E	25	P	V	K87
Series	Shell Size	Class	Mounting Type	Contact Arrangements	Contact Type	Printed Circuit Terminal Modifier	Modification Code

EXPLANATION

SERIES

D - D-Sub

SHELL SIZE

SHELL SIZE	FITS CONTACTS	
	STANDARD (20)	HIGH DENSITY (22) MA CLASS ONLY
E	9	15
A	15	26
B	25	44
C	37	62
D	50	78

CLASS

Omit - Original D* Series - one piece insulator - solder
M - One piece insulator - commercial - solder
MM - One piece insulator - materials, finishes, and inspection in accordance with MIL-DTL-24308 where applicable - solder
MA - Little Caesar rear release contact retention assembly - Crimp
MAM - Little Caesar rear release contact retention assembly - materials, finishes, and inspection in accordance with MIL-DTL-24308 where applicable - Crimp
C - Contact retaining tines, BURGUN-D insulator
U - Contact retaining tines, 94VO black insulator (use D*C)

MOUNTING TYPE

Omit - Standard 0.120" diameter mounting hole
C - #4-40 Rivnut, Bracket and Boardlock
D - #4-40 Rivnut, Bracket and #4-40 Screwlock
E - #4-40 clinch nut for rear panel mounting
F - Float mount for rear panel mounting (rivet & washer)
G - #4-40 Rivnut, Bracket, Boardlock & #4-40 Screwlock
H - .300 in. Standoff and #4-40 Screw Lock
J - #4-40 Rivnut, Bracket, Boardlock & M-3 Screwlock
K - 0.154" diameter mounting hole - no hardware
L - M-3 Rivnut, Bracket and Boardlock
N - #4-40 Standoff, Boardlock & #4-40 Screwlock
O - #4-40 Rivnut, Bracket and M-3 Screwlock
P - #4-40 Rivnut and Bracket
Q - M-3 Standoff and Boardlock
R - Reverse float mount for front panel mounting (rivet & washer)
S - M-3 Rivnut & Bracket
T - M-3 Standoff/could also call out a TOOL for crimp connector
U - #4-40 Standoff, Boardlock & M-3 Screwlock
V - #4-40 Standoff
W - .300 in. Standoff and M-3 Screwlock
X - M-3 Clinch Nut
Y - Dual float mount for both front and rear panel mounting
Z - #4-40 Standoff & Boardlock

CONTACT TYPE

P - Pin
S - Socket

CONTACT ARRANGEMENTS

STANDARD

SHELL SIZE	CONTACTS STANDARD (20)
E	9
A	15
B	25
C	37
D	50

HIGH DENSITY

SHELL SIZE	CONTACTS HIGH DENSITY (22) MA CLASS ONLY
E	15
A	26
B	44
C	62
D	78

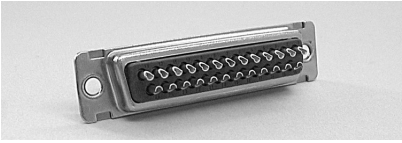
MODIFICATION CODE

(See Cannon Deviation book for more complete listing of modifications)

Default Shell Plating - Yellow Chromate coating over Zinc
A101 - Yellow Chromate coating over Cadmium
A183 - Yellow Chromate coating over Zinc
A190 - 50 micro in. gold over 40 micro in. nickel, 500 mating cycles
A191 - 30 micro in. gold over 40 micro in. nickel, 200 mating cycles
A197 - Gold Plated Contacts, Tin on Shells (Socket Only)
A235 - Trivalent plating (RoHS)
A208 - 30 micro in. gold over 50 micro in. nickel
A222 - 50 micro in. gold over 85 micro in. nickel, recommend using A208
F0 - Connector without contacts crimp style (F0 will not be printed on the connector)
F179 - 0.024" square post, 0.375" extension (wire wrap)
F179A - 0.024" square post, 0.500" extension (wire wrap)
F225 - Stainless Steel Shells 303 grade non-magnetic
K87 - Gold Plated Contacts, Tin with dimples on Shells (Pin Only)
K126 - 30 micro in. Gold plated contacts, Tin on Shells (Socket Only)
K127 - 30 micro in. Gold plated contacts, Tin with dimples on Shells (Pin Only)

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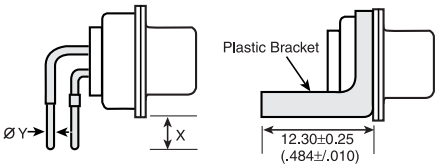
PRINTED CIRCUIT TERMINAL MODIFIER



STRAIGHT PC CONTACTS

CODE	X +/-.027 (.69)	Y
B	.127 (3.22)	.040 (1.02)
E	.127 (3.22)	.030 (0.76)
H	.158 (4.01)	.040 (1.02)
M+	.158 (4.01)	.030 (0.76)
X	.183 (4.65)	.040 (1.02)
Z+	.183 (4.65)	.030 (0.76)
N	.198 (5.03)	.030 (0.76)
Y	.186 (4.65)	.025 (0.64)
V	.197 (5.00)	.030 (0.76)

+ PCB contacts for high density contact arrangement, MA class only, special.



RIGHT ANGLE WITH BRACKET

CODE	X +/-.027 (.69)	Y
A	.127 (3.22)	.040 (1.02)
D+	.127 (3.22)	.030 (0.76)
G	.158 (4.01)	.040 (1.02)
L+	.158 (4.01)	.030 (0.76)
S+	.183 (4.65)	.030 (0.76)
W	.183 (4.65)	.040 (1.02)
T*	.166 (4.22)	.030 (0.76)

*plastic bracket
+ PCB contacts for high density contact arrangement, MA class only, special.



RIGHT ANGLE WITHOUT BRACKET

CODE	X +/-.027 (.69)	Y
C	.127 (3.22)	.040 (1.02)
F	.127 (3.22)	.030 (0.76)
K	.158 (4.01)	.040 (1.02)
P+	.158 (4.01)	.030 (0.76)
R+	.183 (4.65)	.030 (0.76)
J	.166 (4.22)	.030 (0.76)

+ PCB contacts for high density contact arrangement, MA class only, special.
All dimensions in inches (millimeters in parentheses)

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