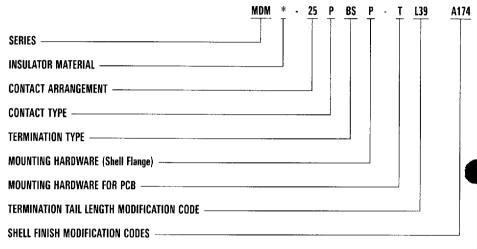


MDM-PCB connectors are designed for use with flex circuitry, flat cable and printed circuit boards or multi-layer boards. They use the standard MDM metal shell and provide high density and high reliability in board-to-board, board-to-cable and cable-to-cable applications.

MDM-PCB connectors are available in 8 shell sizes with 9 to 100 contacts. Terminations may be straight (BS) or at 90° (BR, CBR) board thickness Jackpost mounting for use with locking hardware is also available.

How to Order - MDM-PCB Series



### **SERIES**

MDM - Micro "D" Metal Shell

#### **INSULATOR MATERIAL**

No Letter - Diallyl Phthalate V - Polyester (Valox)

#### CONTACT ARRANGEMENT

9, 15, 21, 25, 31, 37, 51 and 100 Size 100 not available in "BR"

## **CONTACT TYPE**

P - Pin (Plug)

S - Socket (Receptacle)

### **TERMINATION TYPE**

BS - Straight PCB Termination

BR - 90° PCB Termination

CBR - 90° Narrow Profile PCB Terminations

## MOUNTING HARDWARE (Shell Flange)

P - Jackposts

M7 - Jackposts

M83513/5-07 (Sizes 9-51)

M17 - Jackposts

M83513/5-17 (Size 100)

No letter - none

NOTE: Back molding material - Epoxy Hysol #MG8F-0134

### MOUNTING HARDWARE FOR PCB

T - Threaded Insert

#2-56 Thd for Shell Sizes 9 thru 51

#4-40 Thd for Shell Size 100

No letter - none

## TERMINATION TAIL LENGTH MODIFICATION CODE

None -.109 (2.77)  $\pm .015$  (0.38) Standard

L61 - .125 (3.18) L56 - .150 (3.81)

- .190 (4.83) L57

L39 - .250 (6.35)

L58 - .375 (9.52)

#### SHELL FINISH MODIFICATION CODES

None - Yellow Chromate/Cadmium over Nickel

A174 - Electroless Nickel

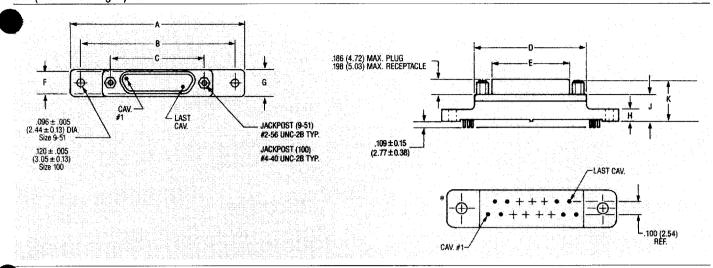
A172 - Gold over Nickel

A141 - Irridite/Alodine

A30 - Black Anodize

(For special modification codes, consult factory.)

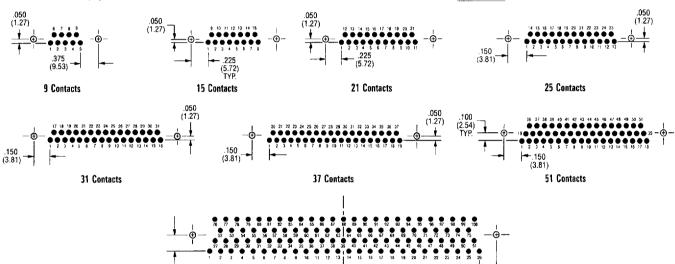
# BS (Board Straight) Series



## CB Termination Arrangements\* (Viewed from PCB solder side)

Identification number shown for plug connector, use reverse order for socket connector.

NOTE: Dimensions shown are for reference only-consult factory for final design dimensions.



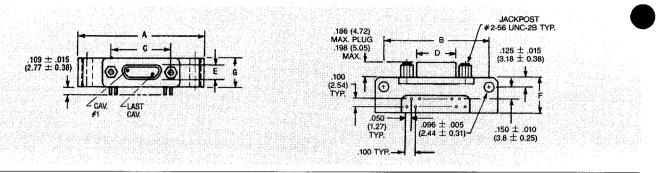
NOTE: Standard lead termination is #24 AWG, solid copper, solder or tin dipped All Termination Configurations .100 (2.54)  $\times$  .100 (2.54) Grid Pattern, Offset .050 (1.27).

Part Number By Shell Size	A Max.	B 土,007 (.018)	C ±.005 (.013)	D Max.	E Max.	F Max.	G Max.	H Max.	J Max.	K Max.
MDM-9PBS*	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.785 (19.94)	.334 (8.48)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-9SBS*	1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.785 (19.94)	.402 (10.21)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-15PBS*	1.390 (35.31)	1.150 (29.21)	.715 (18.16)	.935 (23.75)	.484 (12.29)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-15SBS*	1.390 (35.31)	1.150 (29.21)	.715 (18.16)	.935 (23.75)	.552 (13.97)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-21PBS*	1.690 (43.93)	1.450 (36.83)	.865 (21.97)	1.085 (27.56)	.634 (16.10)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-21SBS*	1.690 (43.93)	1.450 (36.83)	.865 (21.97)	1.085 (27.56)	.702 (17.83)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-25PBS*	1.740 (44.20)	1.500 (38.10)	.965 (24.51)	1.185 (30.10)	.734 (18.64)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-25SBS*	1.740 (44.20)	1.500 (38.10)	.965 (24.51)	1.185 (30.10)	.802 (20.37)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-31PBS*	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	1.335 (33.91)	.884 (22.45)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-31SBS*	2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	1.335 (33.91)	.952 (24.18)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-37PBS*	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.485 (37.72)	1.034 (26.26)	.185 (4.70)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-37SBS*	2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.485 (37.72)	1.102 (27.99)	.253 (6.43)	.308 (7.82)	.165 (4.19)	.355 (9.02)	.555 (14.10)
DM-51PBS*	2.270 (67.66)	2.000 (50.80)	1.215 (30.86)	1.435 (36.45)	.984 (24.99)	.228 (5.79)	.351 (8.92)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-51SBS*	2.270 (67.66)	2.000 (50.80)	1.215 (30.86)	1.435 (36.45)	1.052 (26.72)	.296 (7.52)	.351 (8.92)	.165 (4.19)	.355 (9.02)	.555 (14.10)
MDM-100PBS*	3.070 (77.98)	2.800 (71.12)	1.800 (45.72)	2.175 (55.24)	1.384 (35.15)	.271 (6.88)	.460 (11.68)	.303 (7.70)	.550 (12.70)	.686 (17.42)
MDM-100SBS*	3.070 (77.98)	2.800 (71.12)	1.800 (45.72)	2.175 (55.24)	1.508 (38.30)	.394 (10.01)	.460 (11.68)	.303 (7.70)	.550 (12.70)	.686 (17.75)

100 Contacts

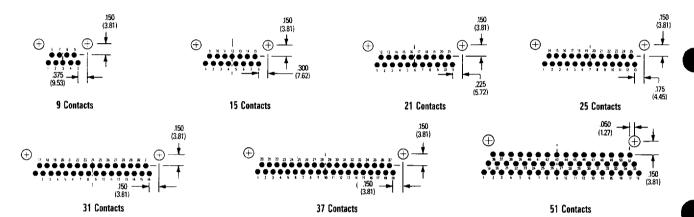
\*For jackpost, add letter "P" or "M7" for sizes 9-51, "M17" for size 100.

# BR (Board Right Angle) Series



## PCB Termination Arrangements (Viewed from bottom of connector, PCB solder side.)

Identification number shown for plug connector, use reverse order for socket connector.



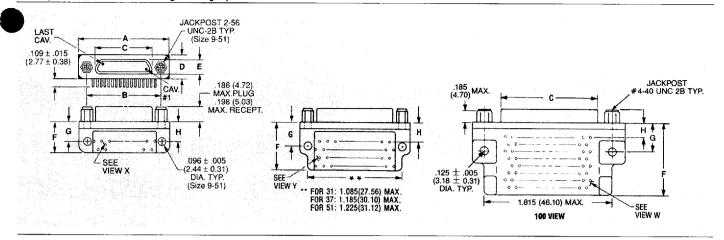
NOTE: Standard lead termination is #24 AWG, gold plated, solid copper, solder or tin dipped.

All Termination Configurations .100 (2.54) x .100 (2.54) Grid Pattern, Offset .050 (1.27).

					()				
A Max.	B ±.007 (.018)	C ±.005 (.013)	D Max.	E Max.	F Max.	G Max.			
1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.334 (8.48)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
1.390 (35.31)	1.150 (29.21)	.565 (14.35)	.402 (10.21)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
1.540 (39.12)	1.300 (33.02)	.715 (18.16)	.484 (12.29)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
1.540 (39.12)	1.300 (33.02)	.715 (18.16)	.552 (13.97)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
1.690 (42.93)	1.450 (36.83)	.865 (21.97)	.634 (16.10)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
1.690 (42.93)	1.450 (36.83)	.865 (21.97)	.702 (17.83)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
1.790 (45.47)	1.550 (39.37)	.965 (24.51)	.734 (18.64)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
1.790 (45.47)	1.550 (39.37)	.965 (24.51)	.802 (20.37)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	.884 (22.45)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
2.040 (51.82)	1.800 (45.72)	1.115 (28.32)	.952 (24.18)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.034 (26.26)	.185 (4.70)	.455 (11.56)	.308 (7.82)			
2.340 (59.44)	2.100 (53.34)	1.265 (32.13)	1.102 (27.99)	.253 (6.43)	.455 (11.56)	.308 (7.82)			
1.875 (47.63)	1.600 (40.64)	1.215 (30.86)	.984 (24.99)	.228 (5.79)	.565 (14.35)	.351 (8.92)			
1.875 (47.63)	1.600 (40.64)	1.215 (30.86)	1.052 (26.72)	.296 (7.52)	.565 (14.35)	.351 (8.92)			
	1.390 (35.31) 1.390 (35.31) 1.540 (39.12) 1.540 (39.12) 1.690 (42.93) 1.690 (42.93) 1.790 (45.47) 1.790 (45.47) 2.040 (51.82) 2.340 (59.44) 2.340 (59.44) 1.875 (47.63)	Max.         ±.007 (.018)           1.390 (35.31)         1.150 (29.21)           1.390 (35.31)         1.150 (29.21)           1.540 (39.12)         1.300 (33.02)           1.540 (39.12)         1.300 (33.02)           1.690 (42.93)         1.450 (36.83)           1.690 (42.93)         1.450 (36.83)           1.790 (45.47)         1.550 (39.37)           1.790 (45.47)         1.550 (39.37)           2.040 (51.82)         1.800 (45.72)           2.340 (59.44)         2.100 (53.34)           2.340 (59.44)         2.100 (53.34)           1.875 (47.63)         1.600 (40.64)	Max. $\pm$ .007 (.018) $\pm$ .005 (.013)           1.390 (35.31)         1.150 (29.21)         .565 (14.35)           1.390 (35.31)         1.150 (29.21)         .565 (14.35)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)           2.340 (59.44)         2.100 (53.34)         1.265 (32.13)           2.340 (59.44)         2.100 (53.34)         1.265 (32.13)           1.875 (47.63)         1.600 (40.64)         1.215 (30.86)	Max.         ±.007 (.018)         ±.005 (.013)         Max.           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .334 (8.48)           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .402 (10.21)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .484 (12.29)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .552 (13.97)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .634 (16.10)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .702 (17.83)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .734 (18.64)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .802 (20.37)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)         .884 (22.45)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)         .952 (24.18)           2.340 (59.44)         2.100 (53.34)         1.265 (32.13)         1.034 (26.26)           2.340 (59.44)         2.100 (53.34)         1.265 (32.13)         1.102 (27.99)           1.875 (47.63)         1.600 (40.64)         1.215 (30.86)         .984 (24.99)	Max. $\pm$ .007 (.018) $\pm$ .005 (.013)         Max.         Max.           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .334 (8.48)         .185 (4.70)           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .402 (10.21)         .253 (6.43)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .484 (12.29)         .185 (4.70)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .552 (13.97)         .253 (6.43)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .634 (16.10)         .185 (4.70)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .702 (17.83)         .253 (6.43)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .734 (18.64)         .185 (4.70)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .734 (18.64)         .185 (4.70)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .802 (20.37)         .253 (6.43)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)         .884 (22.45)         .185 (4.70)           2.040 (51.82)         1.800 (45.72)         1.115 (28.32)         .952 (24.18)         .253 (6.43)           2.	Max. $\pm$ .007 (.018) $\pm$ .005 (.013)         Max.         Max.         Max.           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .334 (8.48)         .185 (4.70)         .455 (11.56)           1.390 (35.31)         1.150 (29.21)         .565 (14.35)         .402 (10.21)         .253 (6.43)         .455 (11.56)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .484 (12.29)         .185 (4.70)         .455 (11.56)           1.540 (39.12)         1.300 (33.02)         .715 (18.16)         .552 (13.97)         .253 (6.43)         .455 (11.56)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .634 (16.10)         .185 (4.70)         .455 (11.56)           1.690 (42.93)         1.450 (36.83)         .865 (21.97)         .702 (17.83)         .253 (6.43)         .455 (11.56)           1.790 (42.93)         1.450 (36.83)         .865 (21.97)         .702 (17.83)         .253 (6.43)         .455 (11.56)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .734 (18.64)         .185 (4.70)         .455 (11.56)           1.790 (45.47)         1.550 (39.37)         .965 (24.51)         .802 (20.37)         .253 (6.43)         .455 (11.56)           2.040 (51.82)         1.800 (45.72)			

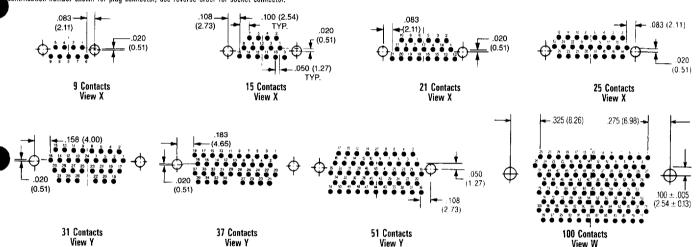
<sup>\*</sup>For jackpost, add letter "P" or "M7" for sizes 9-51, "M17" for size 100.

# CBR (Condensed Board Right Angle) Series



## PCB Termination Arrangements (Viewed from bottom of connector, PCB solder side.)

dentification number shown for plug connector, use reverse order for socket connector.



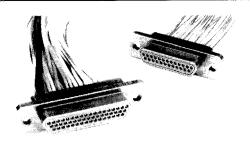
All Termination Configurations .100 (2.54) x .100 (2.54) Grid Pattern, Offset .050 (1.27).

NOTE: Standard lead termination is #24 AWG, solid copper, solder or tin dipped

An remination configuration	10113 :100 (2.34) X :100 (2	.54/ Ullu ratterii, Uli	1361 .030 (1.27).		IVOTE: Standard II	ead termination is #2	4 AWG, solia copper,	solder or tin dipped.
Part Number By Shell Size	A Max.	B ±.005 (.013)	C Max.	D Max.	E Max.	F Max.	G ±.010 (.025)	H ±.010 (.025)
DM-9PCBR*	.785 (19.94)	.565 (14.35)	.334 (8.48)	.308 (7.82)	.185 (4.70)	.420 (10.67)	.250 (6.35)	.230 (5.81)
MDM-9SCBR*	.785 (19.94)	.565 (14.35)	.402 (10.21)	.308 (7.82)	.253 (6.43)	.420 (10.67)	.250 (6.35)	.230 (5.81)
MDM-15PCBR*	.935 (23.75)	.715 (18.16)	.484 (12.29)	.308 (7.82)	.185 (4.70)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-15SCBR*	.935 (23.75)	.715 (18.16)	.552 (13.97)	.308 (7.82)	.253 (6.43)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-21PCBR*	1.085 (27.56)	.865 (21.97)	.634 (16.10)	.308 (7.82)	.185 (4.70)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-21SCBR*	1.085 (27.56)	.865 (21.97)	.702 (17.83)	.308 (7.82)	.253 (6.43)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-25PCBR*	1.185 (30.10)	.965 (24.51)	.734 (18.64)	.308 (7.82)	.185 (4.70)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-25SCBR*	1.185 (30.10)	.965 (24.51)	.802 (20.37)	.308 (7.82)	.253 (6.43)	.420 (10.67)	.250 (6.35)	.130 (3.30)
MDM-31PCBR*	1.335 (33.91)	1.115 (28.32)	.884 (22.45)	.308 (7.82)	.185 (4.70)	.520 (13.21)	.250 (6.35)	.130 (3.30)
MDM-31SCBR*	1.335 (33.91)	1.115 (28.32)	.952 (24.18)	.308 (7.82)	.253 (6.43)	.520 (13.21)	.250 (6.35)	.130 (3.30)
MDM-37PCBR*	1.485 (37.72)	1.265 (32.13)	1.034 (26.26)	.308 (7.82)	.185 (4.70)	.520 (13.21)	.250 (6.35)	.130 (3.30)
MDM-37SCBR*	1.485 (37.72)	1.265 (32.13)	1.102 (27.99)	.308 (7.82)	.253 (6.43)	.520 (13.21)	.250 (6.35)	.130 (3.30)
MDM-51PCBR*	1.435 (36.45)	1.215 (30.86)	.984 (24.99)	.351 (8.92)	.228 (5.79)	.650 (16.15)	.300 (7.62)	.150 (3.81)
MDM-51SCBR*	1.435 (36.45)	1.215 (30.86)	1.052 (26.72)	.351 (8.92)	.296 (7.52)	.650 (16.15)	.300 (7.62)	.150 (3.81)
MDM-100PCBR*	2.170 (55.12)	1.800 (45.72)	1.384 (35.15)	.394 (10.01)	.271 (6.88)	1.000 (25.40)	.400 (10.16)	.200 (5.08)
MDM-100SCBR*	2.170 (55.12)	1.800 (45.72)	1.508 (38.10)	.394 (10.01)	.394 (10.01)	1.000 (25.40)	.400 (10.16)	.200 (5.08)
		1		()	(.0.01)	120.10/	(10.10)	,200

<sup>\*</sup>For jackpost, add letter "P" or "M7" for sizes 9-51, "M17" for size 100.





The Cannon MICRO Series established the standards for performance and reliability in microminiature interconnects. Exceptionally versatile, MICRO connectors are available in rectangular, circular, and strip configurations, with 3 amp MICROPIN™/ MICROSOCKET™ contacts on .050(1.27) centers, or with special arrangements of power and coaxial ntacts.

The heart of the Cannon MICROPIN/MICROSOCK-ET contact system is a multi-element Twist Pin Contact recessed within an insulating housing. The rugged, cylindrical sockets are mounted in the exposed half of the connector. When connector halves are mated, the chamfered sockets are first aligned by the connector body, then guide the spiral MICROPIN contacts into proper and positive alignment, even under worst-case tolerance conditions. This is Cannon's POS-A-LINE connector design.

The multiple spring elements of the MICROPIN, then under compression, form a multi-point contact system of high mechanical and electrical integrity. Contacts will provide a high degree of reliability over hundreds of mating and unmating cycles, and have proven themselves in applications that range from commercial products to equipment that has been landed on the moon.

- Contact rating 3 amps max.
- Contact centers .050(1.27).
- Wire sizes #24 thru #32 AWG, stranded or solid.
- Contact termination-multiple indent crimp.
- Contact retention fixed via epoxy.
- Contact materials and finish Copper alloy, gold-plated per MIL-G-45204, Type II, Grade C, Class 1 over copper flash.
- Mating/unmating force 8 oz. per contact, max./0.5 oz. per contact min.

Test Data

The table below summarizes the results of key tests performed in accordance with MIL-STD-1344, where applicable. Data is applicable to standard

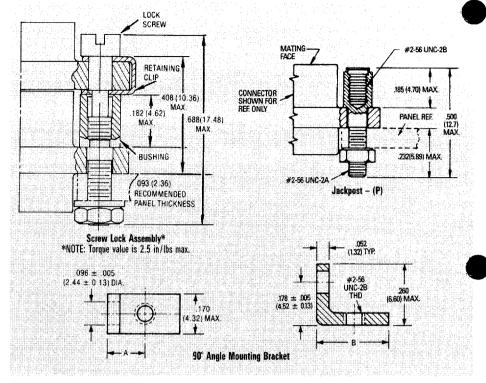
connectors with standard terminations. Variations may affect this data, so please consult the factory for further information on your requirements.

Test	Method	Criteria of Acceptance
Dielectric Withstanding Voltage	Method 3001: 900 VAC at sea level 300 VAC at 70,000' altitude Solder Pots and Shielded	No breakdown No breakdown
	Cable 600 VAC at sea level 150 VAC at 70,000' altitude	No breakdown No breakdown
Insulation Resistance	Method 3003	5,000 megohms minimum
Thermal Shock	Method 1003, Condition A: −55°C to +125°C	No physical damage
Physical Shock	sical Shock Method 2004, Condition E: 50 G's, 3-axes, 6 millisecond duration sawtooth pulse	
Vibration	ration Method 2005, Condition IV: 20 G's, 10-2,000 Hz, 12 hrs.	
Durability	500 cycles of mating and unmating, 500 CPH max.	No mechanical or electrical defects
Moisture Resistance	Method 1002, Type II omit steps 7a & 7b	Insulation resistance > 100 megohms
Salt Spray Method 1001, Condition 8: 48 hours		Shall be capable of mating and unmating, and meet contact resistance requirements
Contact Resistance (MIL-STD-202)	Method 307: At 3 amps At 1 milliamp	8 milliohms maximum 10 milliohms maximum
Contact Retention	Per MIL-C-83513	5 lb. minimum axial load





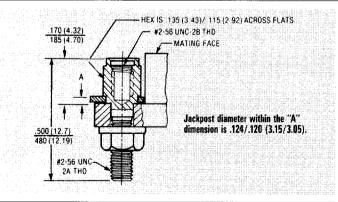
90° Angle Mounting Bracket



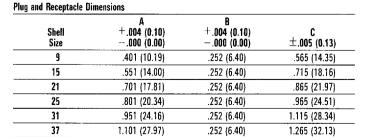
Description	Part Number	A ±.005 (±0.13)	B Max.
Screw Lock Assembly	322-9500-000	N	/A
Jackpost Kit	320-9505-000	N	/A
Mounting Bracket 90° MDM for 9 thru 37 Shell Sizes	015-9516-002	.147 (3.73)	.308 (7.82)
Mounting Bracket 90° MDM for 51 Shell Size	015-9516-003	.169 (4.29)	.350 (8.89)

NOTES: Screw lock assembly (322-9500-000) can be used for front mounting only. Jackpost kit (320-9505-000) consists of two assemblies, shipped unassembled.

# Jackpost Bushing (for rear panel mounting-for sizes 9-51)

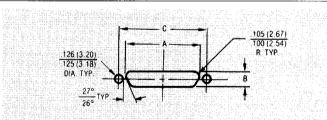


Panel A Thickness	A + .005 (0.13) 000 (0.00)	Jackpost Kit Number*
3/32 (2.4)	.087 (2.21)	320-9505-007
1/16 (1.6)	.056 (1.42)	320-9505-006
3/64 (1.2)	.042 (1.07)	320-9505-005
1/32 (0.8)	.025 (0.64)	320-9505-004



.295 (7.49)

1.051 (26.70)



тппс

Dimensions are shown in inches (millimeters).

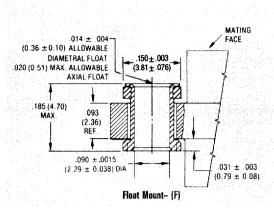
Dimensions subject to change.

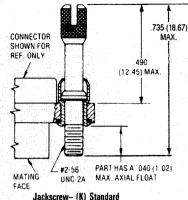
1.215 (30.86)

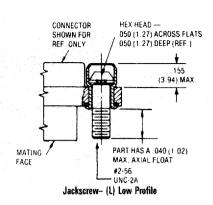
51

# Mounting Hardware Views (sizes 9 - 51)

nis hardware is factory installed.







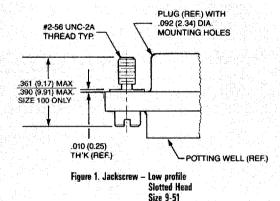
Shown here is a cutaway view of the float mount for the MD connector. The basic shell dimensions are the same for the float mount and the screw mounting hole configurations. View shown is for standard float mount front panel mounting. Reverse mounting is available on request.

Repair kit available—consult factory.

\*NOTE: Torque values are as follows: Low Profile Jackscrew (L)-2.5 in/lbs Standard Jackscrew (K)-2.5 in/lbs

# Mounting Hardware to Military Specification (for sizes 9-100) per MIL-C-83513/5

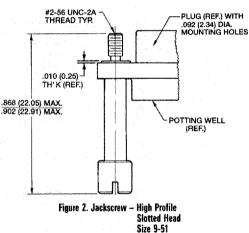
This hardware supplied in kits unassembled (2 pieces of each item).



Size 100\*



Size 100\* (same dimensions)



Size 100\*

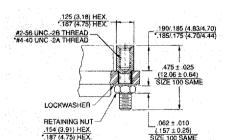


Figure 3. Jackpost Assembly Size 9-51 Size 100\*

To order hardware kits separately, order either by M83513/5-\*\* or by 320-950X-XXX.

Description	Size 9-51 Mod Code Part Number	**	Size 100* Mod Code Part Number	**
Slotted Head Jackscrew Assy Low Profile (Figure 1)	M5 320-9508-025	05	M15 320-9508-021	15
Slotted Head Jackscrew Assy High Profile (Figure 2)	M6 320-9508-027	06	M16 320-9508-023	16
Allen Head Jackscrew Assy Low Profile (Figure 1)	M2 320-9508-026	02	M12 320-9508-022	12
Allen Head Jackscrew Assy High Profile (Figure 2)	M3 320-9508-028	03	M13 320-9508-024	13
Jackpost Assy (Figure 3)	M7 320-9505-033	07	M17 320-9505-030	17

\*Size 100 requires B1 size mounting holes.

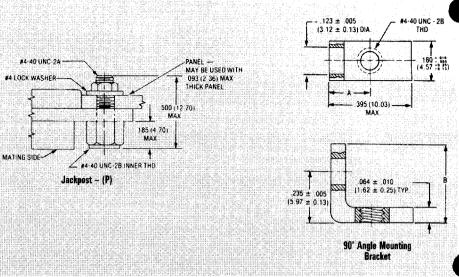
# Mounting Hardware Views (for size 100)

This hardware supplied unassembled.



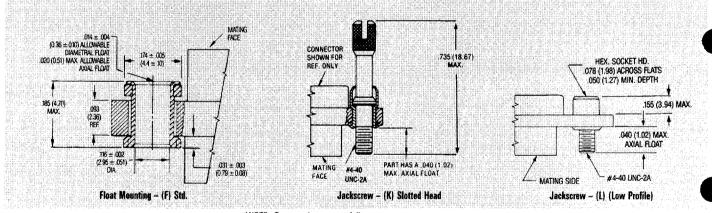
Bracket

MATING SIDE



		A	В
Description	Part Number	$\pm$ .005 (0.13)	Max.
Jackpost Kit	320-9505-015	N/	A
Mounting Bracket 90° MDM	015-9528-000	.191 (4.85)	.370 (9.40)

### This hardware is factory installed.

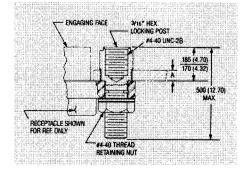


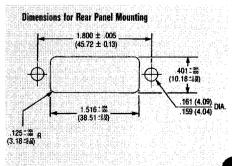
\*NOTE: Torque values are as follows: Low Profile Jackscrew (L)-4.0 in/lbs Standard Jackscrew (K)-4.0 in/lbs

# Jackpost Bushing (for Rear Panel Mounting)

Panel Thickness	A +.005 (0.13) 000 (0.00)	Jackpost Kit Number*
3/32 (2.4)	.087 (2.21)	320-9505-013
1/16 (1.6)	.058 (1.42)	320-9505-012
1/32 (0.8)	.025 (0.64)	320-9505-010
3/64 (1.2)	.042 (1.07)	320-9505-011

<sup>\*2</sup> jackposts, 2 nuts, 2 washers





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