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Micro-D Plastic Shell - .050" Contact Spacing MD**



Cannon MD** Microminiature Solutions are used in applications requiring highly reliable, extremely small and lightweight interconnects. They are available in two insulator materials, two mounting variations, seven shell sizes accommodating from 9 to 51 contacts and a special arrangement of five micro contacts and two coaxials. The insulator materials give the Cannon MD** connector wide versatility in most applications. They can also terminate a wide variety of stranded or solid wire directly to Micro-D contacts, which is often desirable in high density arrangements. MD** Connectors can also be custom harnessed to meet any customer requirement.

Specifications

STANDARD MATERIALS & FINISHES

Shell/Insulator (One Piece)	MD/MDB: Glass-filled thermoset plastic MDV/MDVB: Thermoplastic
Contacts	- Copper alloy, gold plate

ELECTRICAL DATA

No. of contacts	- 9 to 51: (1 arrangement of 5 contacts and 2 coaxials - for screw mount only)
Coaxial Cable	- RG-178/U (Not available for MD clip mount)
Wire Size	- #24 thru #32 AWG
Contact Termination	- Multi-indent crimp

MECHANICAL FEATURES

Size or length	- 7 sizes
Coupling	- Friction/jackscrews
Polarization	- Keystone-shaped shells
Contact spacing Centres	- .050 (1.27mm)
Shell style	- Plug and receptacle

Consult factory for availability

Dimensions shown in mm
Specifications and dimensions subject to change

Micro-D Plastic Shell - .050" Contact Spacing MD**

How to Order (PCB ordering information page 22)

R	MD**	1-	9	P	H	001	P

RoHS Compliance
Series-Insulator Style-Material
Contact Spacing
Contact Style
Contact Arrangement
Contact Type
Termination Type
Locking Harware Code

Series-Insulator Style-Material
MDB - Screw mounting-
Diallyl phthalate

MDVB - Screw mounting-Polyester

Contact Spacing
1 - .050 (1.27) centers

Contact Arrangements
9-15-21-25-31-37-51. See page 13.

Contact Type
P - Pin
S - Socket

Termination Type
H - Insulated solid or stranded wire
L - Uninsulated solid wire
S - Solder pot to accept #26 AWG max. harness wire

Termination Code
See page 83-85 for additional codes
(H) 001 - 18", 7/34 strand, #26 AWG, MIL-W-16878/4, Type E Teflon, Yellow.
(H) 003 - 18", 7/34 strand, #26 AWG, MIL-W-16878/4, Type E Teflon, color coded to MIL-STD-681 System I.
(L) 1 - 1/2" uninsulated solid #25 AWG gold plated copper.
(L) 2 - 1"uninsulated solid #25 AWG gold plated copper.

Locking Hardware (Screw Mounting Only)
P - Jackpost
K - Jackscrew-standard
L - Jackscrew-low profile
F - Float mount
M - Military specification hardware, see page 17.

No designator - No hardware - standard mounting .091 (2.31) hole diameter

RoHS COMPLIANT PART NUMBERS

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