

D-Sub

PROFESSIONAL QUALITY,  
FIXED CONTACT  
SUBMINIATURE-D CONNECTORS

FOR SHELTERED INDOOR/OUTDOOR ENVIRONMENTAL APPLICATIONS



Positronic Industries  
connectpositronic.com

ORDERING INFORMATION - CODE NUMBERING SYSTEM

Specify Complete Connector By Selecting An Option From Step 1 Through 8

STEP	1	2	3	4	5	6	7	8	9	10
EXAMPLE	MD	25	F	59	R7	N	T6	X	/AA	-14

**STEP 1 - BASIC SERIES**  
MD Series.

**STEP 2 - CONNECTOR VARIANTS**  
9, 15, 25, 29, 37, 50

**STEP 3 - CONNECTOR GENDER**  
M - Male  
F - Female

**STEP 4 - CONTACT TERMINATION TYPE**  
2 - Solder cup.  
3 - Solder, Straight Printed Board Mount with 0.150 [3.81] Tail Length.  
32 - Solder, Straight Printed Board Mount with 0.375 [9.52] Tail Length.  
4 - Solder, 90° Printed Board Mount with 0.450 [11.43] Contact Extension.  
5 - Solder, 90° Printed Board Mount with 0.283 [7.19] Contact Extension.  
59 - Solder, 90° Printed Board Mount with 0.545 [13.84] Contact Extension.  
6 - Wrap Post.

**\*STEP 5 - MOUNTING STYLE**  
0 - Mounting Hole, 0.120 [3.05] Ø.  
02 - Mounting Hole, 0.154 [3.91] Ø.  
B - Bracket, Mounting, 90° Metal.  
B3 - Bracket, Mounting, 90° Metal with Cross Bar.  
B7 - Bracket, Mounting, 90° Plastic.  
B8 - Bracket, Mounting, 90° Plastic with Cross Bar.  
F - Float Mounts, Universal.  
P - Threaded Post, Brass, 0.225 [5.71] Length.  
P2 - Threaded Post, Nylon, 0.225 [5.71] Length.  
R - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Thread Fixed Female Jackscrews.  
R2 - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Thread Fixed Female Jackscrews with Cross Bar.  
R3 - Bracket, Mounting, 90° Metal, Swaged to Connector with 0.120 [3.05] Ø Mounting Hole.  
R4 - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Threads.  
R5 - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Locknut.  
R6 - Bracket, Mounting, 90° Metal, Swaged to Connector with 0.120 [3.05] Ø Mounting Hole with Cross Bar.  
R7 - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Threads with Cross Bar.  
R8 - Bracket, Mounting, 90° Metal, Swaged to Connector with 4-40 Locknut with Cross Bar.  
S - Swaged Spacer, 4-40 Threads, 0.225 [5.71] Length.  
S2 - Swaged Spacer, 4-40 Threads, 0.125 [3.18] Length.  
S5 - Swaged Locknut, 4-40 Threads.  
S6 - Swaged Spacer with Push-on Fastener, 4-40 Threads, 0.225 [5.71] Length.  
S7 - Swaged Spacer with Push-on Fastener for use with Ferrite Inductor, 4-40 Threads, 0.375 [9.53] Length.

**STEP 10 - SPECIAL OPTIONS**  
-14 - 0.000030 [0.76µ] gold over nickel.  
-15 - 0.000050 [1.27µ] gold over nickel.  
**CONTACT TECHNICAL SALES FOR SPECIAL OPTIONS**

**STEP 9 - ENVIRONMENTAL COMPLIANCE OPTIONS**  
/AA - Compliant per EU Directive 2002/95/EC (RoHS)  
**NOTE:** If compliance to environmental legislation is not required, this step will not be used. Example: MD25F59R7NT6X

**STEP 8 - Shell Options**  
0 - Zinc Plated, with Chromate Seal.  
S - Stainless Steel.  
X - Tin Plated.  
Z - Tin Plated and Dimpled (male connectors only).

**\*STEP 7 - LOCKING AND POLARIZING SYSTEMS**  
0 - None.  
\*\*\*V3 - Lock Tab, connector front panel mounted.  
\*\*\*V5 - Lock Tab, connector rear panel mounted.  
\*\*\*VL - Lock Lever, used with Hoods only.  
T - Fixed Female Jackscrews.  
T2 - Fixed Female Jackscrews.  
T6 - Fixed Male and Female Polarized Jackscrews.  
E - Rotating Male Jackscrews.  
E2 - Rotating Male Screw Locks.  
E3 - Rotating Male with Internal Hex for 3/32 Hex Drives  
E6 - Rotating Male and Female Polarized Jackscrews.

**\*STEP 6 - HOODS AND PUSH-ON FASTENERS**  
0 - None.  
J - Hood, Top Opening, Plastic.  
L - Hood, Side Opening, Plastic.  
Y - Hood, Top Opening, Plastic with Rotating Male Jackscrews. Available in size 50 only.  
Y6 - Hood, Top Opening, Plastic with Rotating Male and Female Polarized Jackscrews. Available in size 50 only.  
Z - Hood, Top or Side Opening, Robust and Extended Height, Composite and Plastic with Rotating Male Jackscrews. Available in size 9, 15, 25, 37, and 50 only.  
H - Hood, Top Opening, Metal. Available in size 15, 25, 37, and 50 only.  
G - Hood, EMI/RFI, Metal. Available in size 9, 15, 25, 37, and 50 only.  
W - Hood, Top or Side Opening, Plastic. Available in size 9, 15, and 25 only.  
N - Push-on Fastener, for 90° Mounting Brackets.  
\*\*F - Ferrite inductor.  
\*\*Q - Ferrite inductor for use with Push-on Fastener and 90° Mounting Brackets.

\*For additional information on accessories listed in steps 5, 6 and 7, see Accessory Catalog.

\*\*Ferrite inductor is available on contact types 32, 4, 59 and 6 only. For more information on ferrite inductors, see page 5 of catalog.

\*\*\* VL, V3 and V5 locking systems are not available for connector variants 37 and 50. Jackscrews are highly recommended to minimize damage to contacts on variants with high mating forces.

**NOTE:** Once you have made a connector selection, contact Technical Sales if you would like to receive a drawing in DXF, PDF format or a 3-dimensional IGES, STEP, or SOLIDWORKS file.

MDseries\_PNSelection\_C001RevD\_05/07

MD SERIES

*Connector Excellence*  
POSITRONIC INDUSTRIES

## **Connector Families**

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**Power**

D-SUBMINIATURE

**Circular**

RECTANGULAR

**Hermetic**

THERMOCOUPLE



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