

# CIRCULAR MINI-DINS MDN SERIES

## SPECIFICATIONS

For complete specifications and recommended PCB layouts see [www.samtec.com?MDN](http://www.samtec.com?MDN)

**Insulator Material:**

High Temperature Thermoplastic

**Contact Material:**

Phosphor Bronze

**Shell Material:**

Brass

**Plating:**

Gold on Contacts, Nickel on Shell, Tin on Tails

**Operating Temp Range:**

-65°C to +105°C

**Current Rating:**

1 A per contact

**Voltage Rating:**

30 VAC

**Contact Resistance:**

30 mΩ max

**Minimum Cycles:**

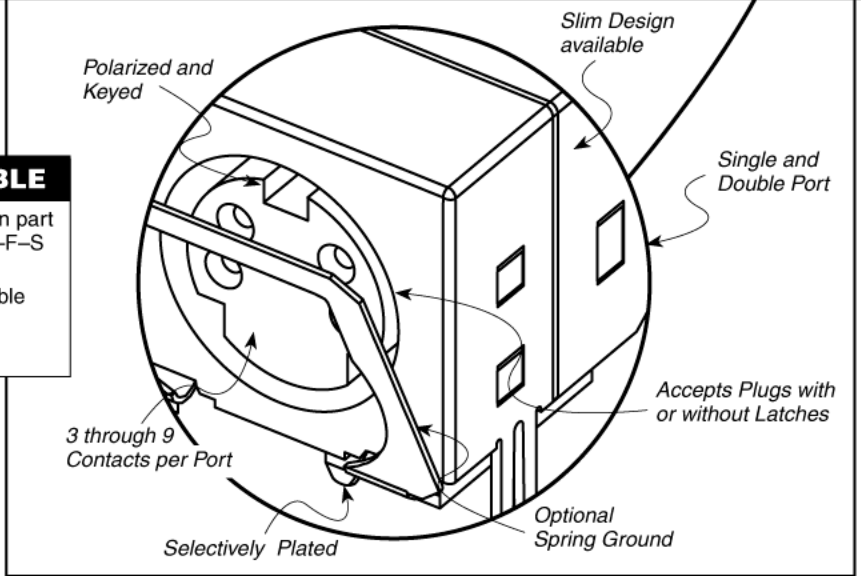
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**Packaging:**

Packaged and shipped in Bulk Packaging Trays; Trays suitable for automation are available upon request.

## ALSO AVAILABLE

- 7 pin GeoPort Mini-Din part number: MDN-S-G7-F-S for ordering
- Other Positions Available with Spring Grounds Call Samtec.



MDN	NO. OF PORTS	CONTACTS PER PORT	PLATING	SHIELD OPTION	OPTION	COLOR
-S	= Single -D = Double (-04, -06, -08 and Shielded (-S) Only)	-03 thru -09	-F = Gold Flash on Mating Area, Tin on Tails	(Leave Blank for Non-Shielded) -S = Full Shielded	(Leave Blank for Standard) -SD = Slim Design (Single Port -04 or -06 Shielded Only) -SG = Spring Ground (-04 and -06 Only; N/A with -SD or -D)	(Leave blank for black) -P = Purple (-06 Shielded Only; N/A with -D & -SD) -G = Green (-06 Shielded Only; N/A with -D & -SD)

Due to technical progress, all designs, specifications and components are subject to change without notice.

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