



Harsh Environment Connectivity Solutions



DIN Panel Mount

3 to 8 pin DIN connectors which mount to PC boards. Plugs connect at right-angle to mounting surface. Shielded version has metal flange surrounding face of insert to provide through-grounding between plug and receptacle and to potential panel/chassis for common grounding. Male version features interlocking flanges for side-by-side row mounting.

ELECTRICAL

- Contact Resistance:
 - Cord Plugs and Receptacles; .010 ohms, contact spring/pin .030 ohms, ground clip/shell
 - Control and Switching Receptacles; .015 ohms, contact spring/pin; .020 ohms, switch contacts.
- Dielectric Withstanding Voltage: 500 V (rms)
- Contact Rating: 5-pin; 3A, 34 V DC
- Leakage Resistance: 10^5 M (ohm)
- Recommended Wire Size: 22 wire gauge maximum

MECHANICAL

Insertion/Withdrawal Forces:

Number of Contacts	Insertion Force pound/N	Withdrawal Force pound/N
2	3.6/(16)	.45- 2.7/(2-12)
3	5.4/(24)	.67- 4.1/(3-18)
4	7.2/(32)	.90- 5.4/(4-24)
5	9.0/(40)	1.24- 6.8/(5.5-30)
6	10.8/(48)	1.46- 8.1/(6.5-36)
7	12.6/(56)	1.68- 9.5/(7.5-42)
8	14.4/(64)	1.90-10.8/(8.5-48)

NOTE: All connectors meet DIN specifications #41524. Din spec. numbers (except for 4-pin, 5-pin @ 240° and 8-pin @ 262°)

MATERIAL

- Shell: Die-cast zinc alloy, nickel-plated
- Receptacle Mounting Flange: Steel
- Receptacle Body: Plastic
- Insert Material: Plastic
- Socket Contacts: Tin-plated
- Pin Contacts: Tin-plated
- Switching Contacts: Silver-plated
- Cable Relief Bushing: Soft plastic