



## Harsh Environment Connectivity Solutions

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### 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.

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## 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