



## Harsh Environment Connectivity Solutions

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### DIN Cable Mount

Male and female cord plug with shielded barrel or insulated snaplock plastic body. Two piece metal barrel surrounds pin insert to form an electrical shield. The entire insert assembly is held together by snapping the insulated plastic shell over the assembly. The barrel's special metal tab locks the shell in place. Standard color of plastic shell is gray. All-purpose cable clamp.

**Type 15GM7M - typical:** Male cord plug with shielded barrel and insulated snaplock plastic body. Two piece metal barrel surrounds pin insert to form an electrical shield. The entire insert assembly is held together by snapping the insulated plastic shell over the assembly. The barrel's special metal tab locks the shell in place. Standard color of plastic shell is gray. All-purpose cable clamp.

## ORDERING INFORMATION

Part Number	Description	Pin Arrangement
05GM3M	3 pins at 180°, Gray body and strain relief	2
05GM5M	5 pins at 180°, Gray body and strain relief	5
09GM4M	4 pins at 210°, Gray body and strain relief	3
12GM5M	5 pins at 240°, Gray body and strain relief	4
12GM6M	6 pins at 240°, Gray body and strain relief	6
15GM7M	7 pins at 270°, Gray body and strain relief	7
15GM8M	8 pins at 270°, Gray body and strain relief	8
20GM8M	8 pins at 262°, Gray body and strain relief	10

## 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/(6	