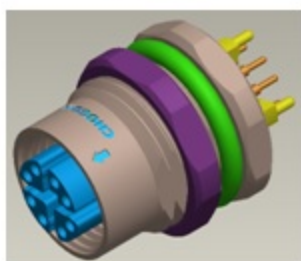


M12 X-CODE, 10Gbps Ethernet

Panel 180°, Metal, Front Mount,
PCB Pins,



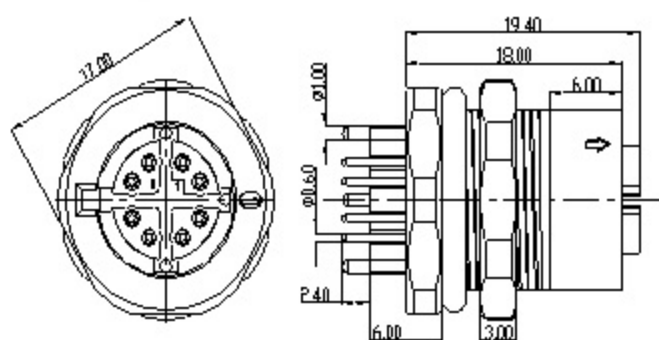
M12 X-code cordset, 180°,
Metal Nut



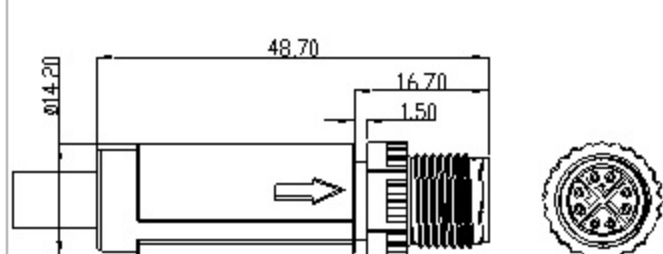
| Type | Shielding | Mounting Thread | Code | No. of Pins | Part Number |
|-----------------|-----------|-----------------|------|-------------|-------------|
| Metal, PCB Pins | Shielded | M16X1.5 | X | 8 | 84086505-08 |
| Metal, PCB Pins | Shielded | PG9 | X | 8 | 84086505-18 |

| Type | Shielding | Code | No. of Pins | Part Number |
|--|---------------|------|-------------|-------------|
| Metal Nut, Straight | 360° Shielded | X | 8 | 84081503-01 |
| Metal Nut, Straight + Shielded RJ45 Plug | 360° Shielded | X | 8 | 84081503-02 |

Dimension



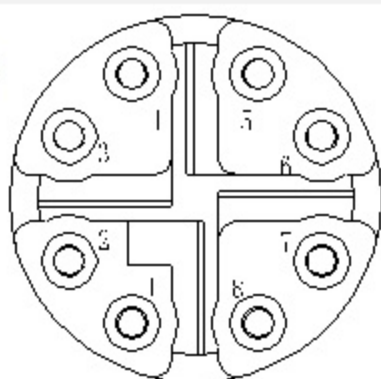
Dimension



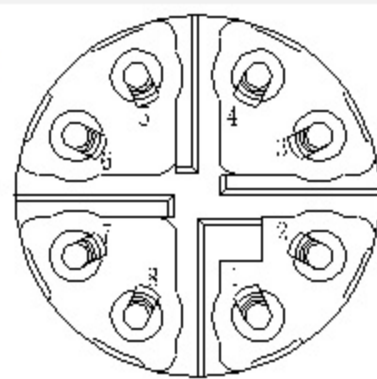
CODING / PIN ASSIGNMENT

X-CODE

FEMALE



MALE



ELECTRICAL PARAMETERS

| | |
|-----------------------|---------|
| Number of Contacts | 8 |
| Nominal Voltage | 48V |
| Rated Current (40°C) | 0.5V |
| Contact Resistance | < 5 mΩ |
| Insulation Resistance | ≥ 100MΩ |

ENVIRONMENTAL PARAMETERS

| | |
|---------------------|--|
| Temperature | -25°C~+85°C for Connector. Complete Assembly Temperature Depends on Cable Jacket Material. |
| Salt Spray | 48H (Concentration of Salt Solution of 5% Sodium Chloride) |
| Degree of Pollution | 3 |
| IP Rating | IP67 |

MECHANICAL PARAMETERS

| | |
|---------------------|-------------------|
| Mechanical Life | 100 Mating Cycles |
| Max Panel Thickness | 4mm |
| Recommended Torque | 4-6Kgf.cm |

MATERIALS

| | |
|--------------|---------------------------------------|
| Contact | Copper Alloy, Gold over Nickel Plated |
| Shell | Ni Plated, Zinc Die cast |
| Coupling Nut | Ni Plated, Zinc Die cast |
| Insert | TPU, Black |
| O-ring | CR70°, Black / Silicon Gray |

CABLE

| | |
|------------|-----------------------------------|
| Cable OD | 7.2 ± 0.3 mm |
| Wire Gauge | 23 AWG |
| Cable Type | F/UTP 4 Pairs Cat 6a, PVC (Black) |

STANDARD

IEC 61076-2-109