

SUMMARY



Wires

| | |
|------------------|------------------|
| Low | 8 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |
| Series | 1M |
| Termination type | Female print PCB |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FMN.1M.308.XLC |

Download

- [Request a quote](#)
- [PCB Eagle Pattern](#)
- [PCB Altium Pattern](#)
- [Catalog](#)

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|---|
| Shell Style/Model | HE*: Fixed receptacle, nut fixing for printed circuit, watertight |
| Keying | 3 keys (beta=165, gamma=30, plug: male contacts, receptacle: female contacts) |
| Housing Material | Environment friendly aluminium (nickel plated, anthracite color) shell and nut, other pieces bronze/brass |
| Cable Fixing | ∅0 - 0 mm |
| Variant | P : Watertight |

Performance

| | |
|---------------|------------------------|
| Configuration | 1M.308 : 8 Low Voltage |
| Insulator | |
| Rated Current | 5.0 Amps |

Specifications

- Contact Type: Print (straight)
- Max. Matings: 5000
- Contact Dia.: 0.7 mm (0.028in)
- R (max): 6.1 mOhm
- Test voltage (kV rms) Contact-contact: 1.3
- Test voltage (kV rms) Contact-shell: 1.1

Others

Humidity (max): $\leq 95\%$ [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Operating temperature: $-20^{\circ}\text{C} / +80^{\circ}\text{C}$
Climatical Category: 15/200/21 (Al. shell)
Lighting strike EIA 364-75 10K amps - 6 times
EMI Shielding EIA 364-66A - 1Ghz-80 dB,3GHz-70 dB,6GHz- 58dB
IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | C | E | H | Lr | Ls | N | P | R | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|------|------|------|----------|
| mm. | 18 | 17.8 | 5 | 7.62 | 21 | 20.8 | 16.8 | 5.3 | 13.8 | 12.5 | 16 | M14x1.00 |
| in. | 0,71 | 0,70 | 0,20 | 0,30 | 0,83 | 0,82 | 0,66 | 0,21 | 0,54 | 0,49 | 0,63 | |

RECOMMENDED BY LEMO

Tools

Spanner wrench: DCM.65.000.4PA

Cables