

SUMMARY



Wires

| | |
|---------|---|
| Low | 8 |
| High | 0 |
| Coax | 0 |
| Triax | 0 |
| Quad | 0 |
| Fiber | 0 |
| Fluidic | 0 |

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| | |
|------------------|----------------------|
| Series | 1K |
| Termination type | Female print 90° PCB |
| IP rating | 68 |
| Cable Ø | 0.00 - 0.00 mm |
| Matching parts | FGG.1K.308.CLAC35 |

TECHNICAL DETAILS

Mechanics

| | |
|-------------------|--|
| Shell Style/Model | EE*: Fixed receptacle, nut fixing, with elbow contacts for printed circuit (back panel mounting) |
| Keying | 1 key (alpha=0, plug: male contacts, receptacle: female contacts) |
| Housing Material | Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces |
| Cable Fixing | ∅0 - 0 mm |
| Variant | |

Performance

| | |
|---------------|--|
| Configuration | 1K.308 : 8 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/3.2, depends on material thickness) |
| Rated Current | |

Specifications

| |
|--|
| Contact Type: Print (elbow) |
| Max. Matings: 5000 |
| Contact Dia.: 0.7 mm (0.028in) |
| R (max): 6.1 mOhm |
| Vtest (contact-shell): 1150 V (AC), 1630 V (DC) |
| Vtest (contact-contact): 950 V (AC), 1340 V (DC) |

Others

Endurance (Shell): 5000 mating cycles
Temp (min / max): -55°C / +200°C
Humidity (max): <=95% [at 60 deg C / 140 F]
Vibration: 15 g [10 Hz - 2000 Hz]
Shock Resistance: 100 g [6 ms]
Salt Spray Corrosion: >1000 hr
Climatical Category: 50/175/21
Shielding (min): 95 dB (10 MHz)
Shielding (min): 80 dB (1 GHz)
IP Rating: 68

DRAWINGS

Draws



Dimensions

| | A | B | E | M | N | P | S1 | e |
|-----|------|------|------|------|------|------|------|---------|
| mm. | 20 | 20 | 6.2 | 3.5 | 24.3 | 10 | 14.5 | M16x1.0 |
| in. | 0,79 | 0,79 | 0,24 | 0,14 | 0,96 | 0,39 | 0,57 | |

RECOMMENDED BY LEMO

Tools

None

Cables