

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series 2F
Termination type Female print PCB
IP rating 68
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active
Matching parts [FGP.2F.312.CLC](#)

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HE*: Fixed receptacle, nut fixing, for printed circuit (back panel mounting)
Keying 3 keys (beta=150, gamma=60, plug: male contacts, receptacle: female contacts)
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and nut, other pieces brass
Variant P : Watertight
Weight 17.08 g

Performance

Configuration 2F.312 : 12 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

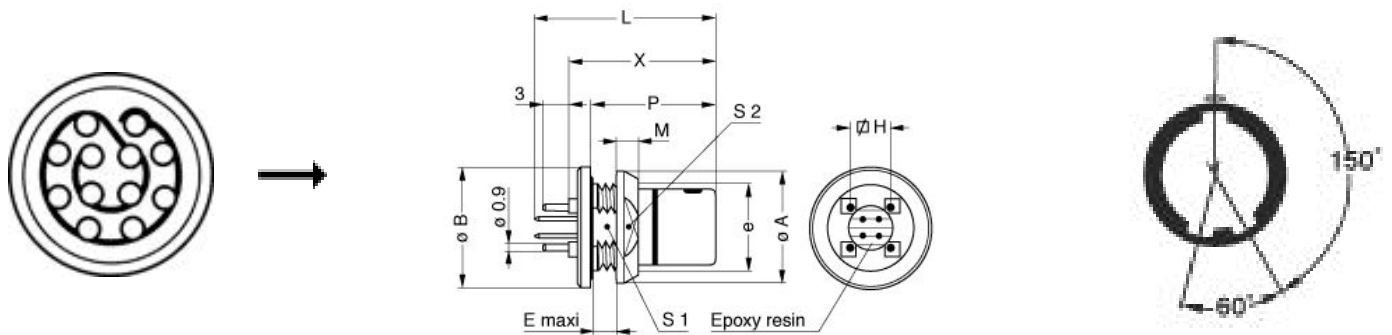
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 2000 V (AC), 2850 V (DC)
Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

Others

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Endurance (Shell): 5000 mating cycles
 Temp (min / max): -50°C / +150°C
 Humidity (max): <=95% [at 60 deg C / 140 F]
 Vibration: 15 g [10 Hz - 2000 Hz]
 Shock Resistance: 100 g [6 ms]
 Climatical Category: 50/175/21 (Aluminium shell)
 Salt Spray Corrosion: >1000 hr
 Pressure: 5 bars

DRAWINGS



Dimensions

| | A | B | E | H | L | M | P | S1 | S2 | X | e |
|-----|------|------|------|------|------|------|------|------|------|------|---------|
| mm. | 20 | 20 | 3 | 8.89 | 21.5 | 4 | 14.5 | 14.5 | 17 | 17.5 | M16x1.0 |
| in. | 0,79 | 0,79 | 0,12 | 0,35 | 0,85 | 0,16 | 0,57 | 0,57 | 0,67 | 0,69 | |

RECOMMENDED BY LEMO

Tools

Cables

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