

SUMMARY

Wires

Low voltage 8



Image is for illustrative purpose only

Series 1F
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 [FGN.1F.308.XLC](#)

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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=165, gamma=30, plug: male contacts, receptacle: female contacts)
Housing Material Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Variant P : Watertight
Weight 5.40 g

Performance

Configuration 1F.308 : 8 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 5 Amps

Specifications

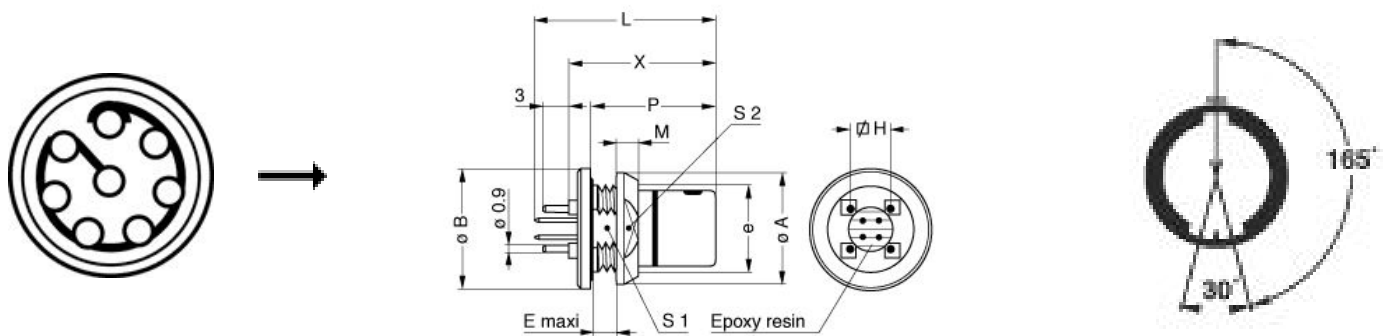
Contact Type: Print (straight)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)

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Others

Endurance (Shell): 1000 mating cycles
 Temp (min / max): -15°C / +100°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: 15/200/21 (Aluminium shell)
 Salt Spray Corrosion: max. 48 hr
 Pressure: 5 bars

DRAWINGS



Dimensions

| | A | B | E | H | L | M | P | S1 | S2 | X | e |
|-----|------|------|------|------|------|------|------|------|------|------|----------|
| mm. | 17 | 17 | 3 | 7.62 | 21.5 | 3.2 | 14.5 | 11.5 | 14 | 17.5 | M13x0.75 |
| in. | 0,67 | 0,67 | 0,12 | 0,30 | 0,85 | 0,13 | 0,57 | 0,45 | 0,55 | 0,69 | |

RECOMMENDED BY LEMO

Tools

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