

SUMMARY



Image is for illustrative purpose only

Wires

Low voltage 4

Series 0F
Termination type Female print 90° PCB
IP rating 68 mated (mating interface)
AWG wire size 30.00 - 22.00
Cable Ø 0.00 - 0.00 mm
Status active

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TECHNICAL DETAILS

Mechanics

Shell Style/Model HE*: Fixed receptacle, nut fixing, with elbow (90°) contacts 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 unmated (connector to device)
Weight 3.49 g

Performance

Configuration 0F.304 : 4 Low Voltage
Insulator L: PEEK (UL 94 / V-0/1.5)
Rated Current 7 Amps

Specifications

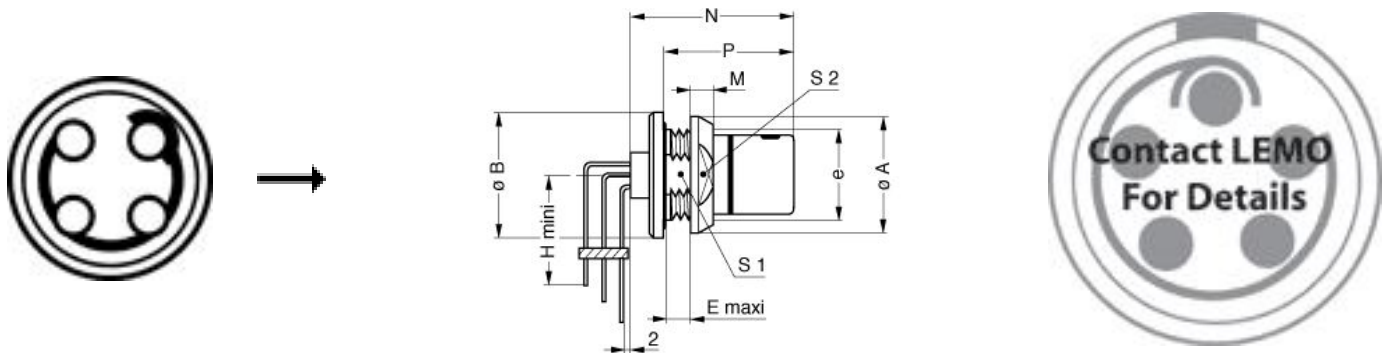
Contact Type: Print (elbow)
Contact Dia.: 0.7 mm (0.028in)
R (max): 6.1 mOhm
Vtest (contact-shell): 1100 V (AC), 1560 V (DC)
Vtest (contact-contact): 1350 V (AC), 1910 V (DC)

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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 | M | N | P | S1 | S2 | e |
|-----|------|------|------|------|------|------|------|------|------|----------|
| mm. | 13 | 14 | 3 | 20 | 2.5 | 18.5 | 14.5 | 9 | 11 | M10x0.75 |
| in. | 0,51 | 0,55 | 0,12 | 0,79 | 0,10 | 0,73 | 0,57 | 0,35 | 0,43 | |

RECOMMENDED BY LEMO

Tools

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