

## SUMMARY

### # Wires

Low voltage 12



*Image is for illustrative purpose only*

Series OT  
Termination type Male solder  
IP rating 68  
AWG wire size 36.00 - 28.00  
Cable Ø 4.60 - 5.00 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PH\*: Free receptacle, cable collet  
Keying 2 keys (gamma=80; plug: female contacts, receptacle: male contacts)  
Housing Material Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 21.10 g

### Performance

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

### Specifications

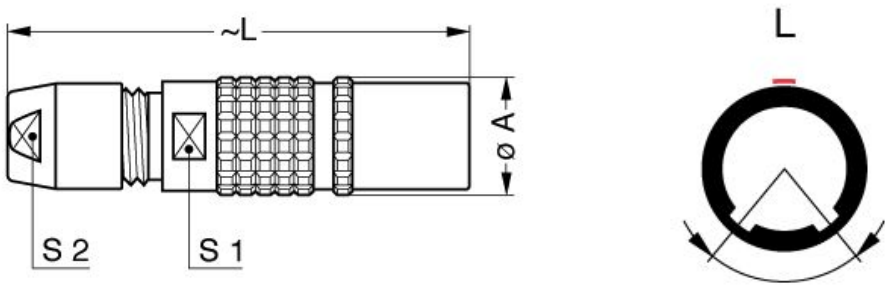
Contact Type: Solder  
Contact Dia.: 0.35 mm (0.01in)  
Bucket Dia.: 0.4 mm (0.016in)  
Max. Solid Conductor: 0.09 mm<sup>2</sup> (AWG 28)  
Max. Stranded Conductor: 0.05 mm<sup>2</sup> (AWG 30)  
R (max): 8.7 mOhm  
Vtest (contact-shell): 1000 V (AC), 1400 (DC)  
Vtest (contact-contact): 800 V (AC), 1130 V (DC)

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Others

- Endurance (Shell): >3000 mating cycles
- Temp (min / max): -55° C / +200° C
- Humidity (max): <=95% [at 60 deg C / 140 F]
- Resistance to vibration: 15 g [10 Hz - 2000 Hz]
- Shock Resistance: 100 g [ 6 ms]
- Climatical Category: 50/175/21
- Shielding efficiency (min): 75 dB (at 10 MHz)
- Shielding efficiency (min): 40 dB (at 1 GHz)
- Salt Spray Corrosion: >1000 hr

DRAWINGS



Dimensions

	A	L
mm.	9	38
in.	0,35	1,50

RECOMMENDED BY LEMO

Tools

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