

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 0S  
Termination type Male crimp  
IP rating 50  
AWG wire size 24.00 - 20.00  
Cable Ø 5.30 - 6.20 mm  
Status **obsolete**  
Matching parts [ERA.0S.302.CLM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug with oversize cable collet and nut for fitting a bend relief  
Keying Hermaphroditic keying (half moon insert) with male pin 1  
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  
Variant Z : Nut for fitting a bend relief  
Weight 13.33 g

### Performance

Configuration 0S.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Crimp  
Vtest: 1100 V (AC), 1600 V (DC)

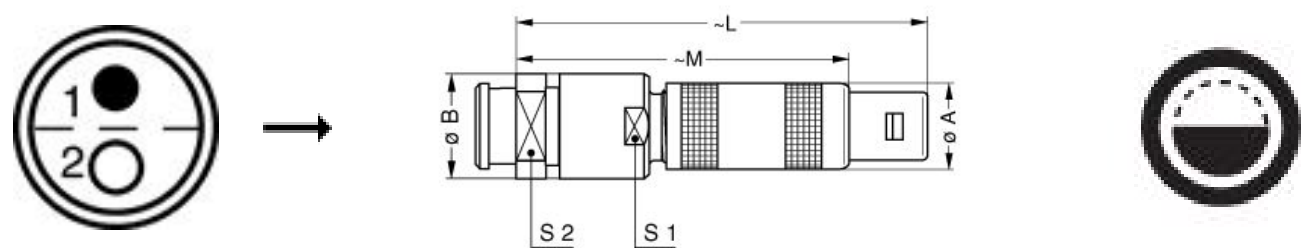
### Others

Endurance (Shell): 5000 mating cycles

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Temp (min / max): -55° C / +250° 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  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >144 hr

## DRAWINGS



## RECOMMENDED BY LEMO

### Tools

- Crimp Tool: [DPC.91.701.V](#)
- Crimp settings: AWG/Selector = 20-22-24/6-5-5
- Positionner: [DCE.91.090.BVC](#)
- Extractor: [DCF.93.090.4LT](#)
- Replacement contact: FGG.0B.560.ZZC / EGG.0B.660.ZZM
- Spanner wrench: [DCD.0S.005.PA065](#)

### Cables

102080	PVC	Grey	
120184	PVC	Black	

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