

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 2

Series	0S
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.30 - 6.20 mm
Status	active
Alternative part	<a href="#">FFA.0S.302.CLAK62Z</a>
Matching parts	<a href="#">ERA.0S.302.CLL</a>

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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	13.01 g

### Performance

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

### Specifications

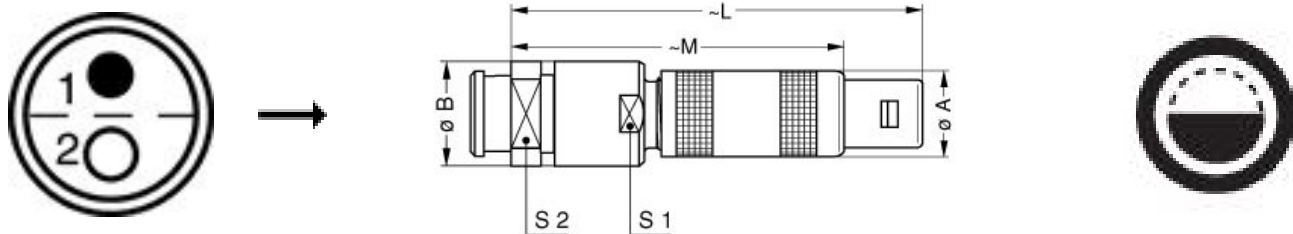
- Contact Type: Solder
- Contact Dia.: 0.9 mm (0.0354in)
- Bucket Dia.: 0.8 mm (0.031in)
- Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)
- R (max): 4.8 mOhm
- Vtest: 1500 V (AC), 2100 V (DC)

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## Others

Endurance (Shell): 5000 mating cycles  
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

Spanner wrench: [DCD.05.005.PA065](#)

### Cables

102080	PVC	Grey	
120184	PVC	Black	

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[FLS.01.250.DLAE24](#) [PFG.1B.308.CYZZ](#) [PKG.M0.6BL.LZ](#) [PLC.M1.0SL.LA](#) [GMA.2B.045.DJ](#) [GMA.3B.090.DA](#) [PRG.M0.6GL.LC52GZ](#)  
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