

## SUMMARY

### # Wires

Low voltage 1



*Image is for illustrative purpose only*

Series 0S  
Termination type Female solder  
IP rating 50  
AWG wire size 26.00 - 18.00  
Cable Ø 2.30 - 3.20 mm  
Status active  
Matching parts [FFA.0S.116.CTAC32](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PCA\*: Free receptacle, cable collet  
Keying Circular, female  
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 8.89 g

### Performance

Configuration 0S.116 : 1 Low Voltage  
Insulator T: PTFE  
Rated Current 12 Amps

### Specifications

V<sub>test</sub> (contact-shell): 1500 V (AC), 2100 V (DC)  
V<sub>test</sub> (contact-contact): 1500 V (AC), 2100 V (DC)

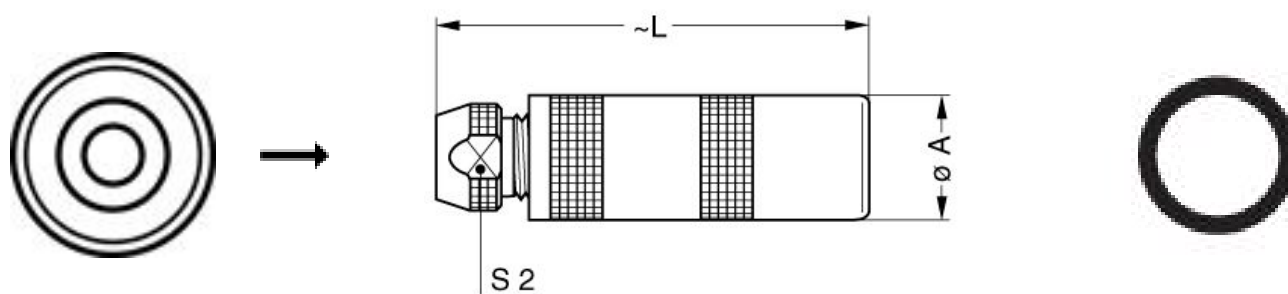
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55 °C / +250 °C  
Humidity (max): <=95% [at 60 deg C / 140 F]

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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



### Dimensions

	A	C	L	S2
mm.	8.9	4.2	33.5	6.5
in.	0,35	0,17	1,32	0,26

## RECOMMENDED BY LEMO

### Tools

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

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