

## SUMMARY

### # Wires

High voltage 1



Image is for illustrative purpose only

Series 3S  
Termination type Female solder High-Voltage  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 9.80 - 10.50 mm  
Status active  
Matching parts [FFB.3S.415.CTAC11](#)

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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 66.85 g

### Performance

Configuration 3S.415 : 1 High Voltage  
Insulator T: PTFE  
Rated Current 8 Amps

### Specifications

Contact Type: Solder  
Test voltage (kV DC) 21  
Test voltage (kV AC) 15  
Creepage distance min.: 28.5 mm

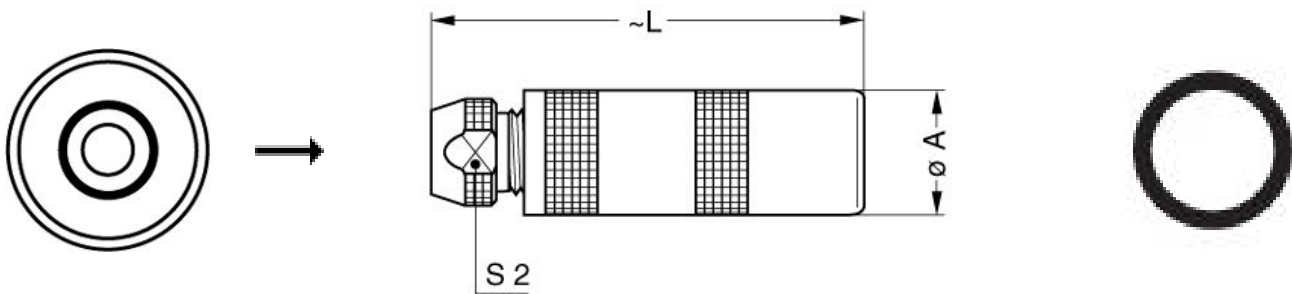
### Others

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



### Dimensions

	A	L	S2
mm.	17.8	59	14
in.	0,70	2,32	0,55

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCP.91.023.TN](#)

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