

## SUMMARY

### # Wires

High voltage 1

*Image is for illustrative purpose only*

Series 1S  
Termination type Male solder High-Voltage  
IP rating 50  
AWG wire size 28.00 - 20.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FFA.1S.405.CTLC32](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model \*:  
Keying Circular, male  
Housing Material Special housing (see notes for details)  
Weight 12.20 g

### Performance

Configuration 1S.405 : 1 High Voltage  
Insulator T: PTFE  
Rated Current 8 Amps

### Specifications

Contact Type: Solder  
Test voltage (kV DC) 10.5  
Test voltage (kV AC) 7.5  
Creepage distance min.: 10.5 mm

### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°C

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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)

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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