

## SUMMARY

### # Wires

High voltage	1
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*Image is for illustrative purpose only*

Series	OS
Termination type	Female solder High-Voltage
IP rating	50
AWG wire size	32.00 - 24.00
Cable Ø	2.60 - 3.30 mm
Status	active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	*:
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	8.56 g

### Performance

Configuration	OS.405 : 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	4 Amps

### Specifications

Test voltage (kV DC) 12  
Test voltage (kV AC) 8.4  
Rear of connector must be protected: ATUM  
Creepage distance min.: 13.5 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

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## DRAWINGS



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## RECOMMENDED BY LEMO

### Tools

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

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