

## SUMMARY

### # Wires

Low voltage 7



*Image is for illustrative purpose only*

Series 1T  
Termination type Female solder  
IP rating 68  
AWG wire size 30.00 - 26.00  
Cable Ø 4.10 - 4.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model PH\*: Free receptacle, cable collet  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
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 24.81 g

### Performance

Configuration 1T.512 : 4 High Speed, Low Voltage (1000BASE-T1 (IEEE 802.3bp)) + 3 Ground contacts  
Insulator T: PTFE  
Rated Current

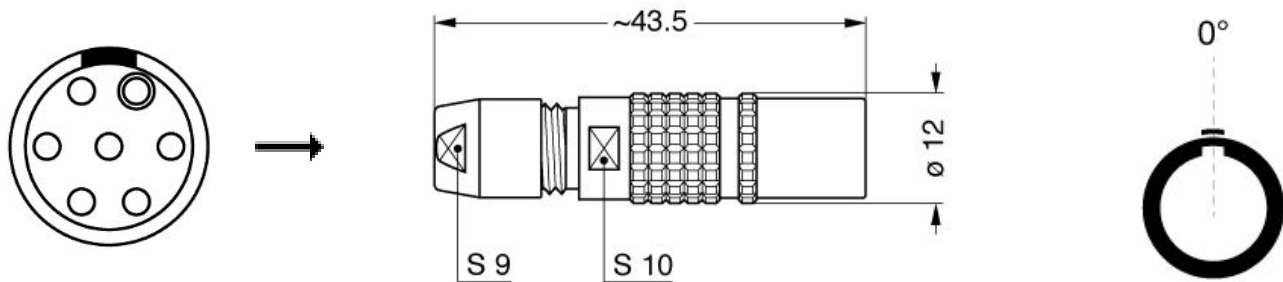
### Others

Endurance (Shell): >3000 mating cycles  
Temp (min / max): -55°C / +200°C  
Humidity (max): <=95% [at 60 deg C / 140 F]  
Resistance to vibration: 15 g [10 Hz - 2000 Hz]

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Shock Resistance: 100 g [ 6 ms]  
 Climatical Category: 50/175/21  
 Shielding efficiency (min): 75 dB (at 10 MHz)  
 Shielding efficiency (min): 40 dB (at 1 GHz)  
 Salt Spray Corrosion: >1000 hr

## DRAWINGS



### Dimensions

	A	L	S1	S2
mm.	12	43.5	10	9
in.	0,47	1,71	0,39	0,35

## RECOMMENDED BY LEMO

### Tools

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