

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series 1S  
Termination type Male solder  
IP rating 50  
AWG wire size 0.00 - 0.00  
Cable Ø 3.10 - 4.20 mm  
Status active  
Matching parts [PGZ.1S.305.CLLD42](#)

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[Catalog](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FGZ\*: Straight plug - design chocolate block, cable collet and nut for fitting a bend relief  
Keying Hermaphroditic keying (half moon insert) with male pin 1  
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  
Variant Z : Nut for fitting a bend relief  
Weight 19.03 g

### Performance

Configuration 1S.305 : 2 (0.9 mm) + 3 (0.7 mm) Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current

### Specifications

Contact Type: Solder  
Vtest: 1500 V (AC), 2100 V (DC)  
Vtest: 1500 V (AC), 2100 V (DC)

### Others

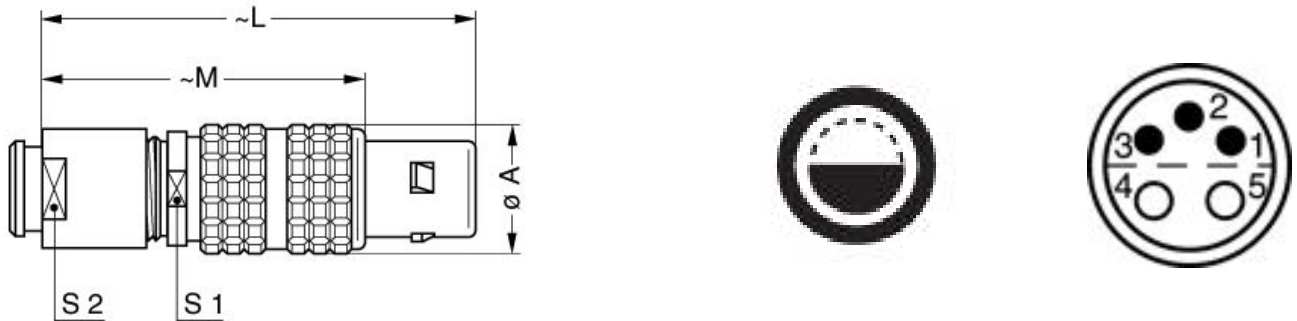
Endurance (Shell): 5000 mating cycles

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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]  
 Climatological Category: 50/175/21  
 Shielding (min): 75 dB (10 MHz)  
 Shielding (min): 40 dB (1 GHz)  
 Salt Spray Corrosion: >144 hr

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

## RECOMMENDED BY LEMO

### Tools

Spanner wrench: [DCD.1B.015.PA090](#)

### Cables

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