

## SUMMARY

### # Wires

Low voltage 2



*Image is for illustrative purpose only*

Series 0S  
Termination type Male crimp  
IP rating 50  
AWG wire size 24.00 - 20.00  
Cable Ø 3.30 - 3.70 mm  
Status active  
Matching parts [ERA.0S.302.CYM](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FFA\*: Straight plug, cable collet  
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  
Weight 9.26 g

### Performance

Configuration 0S.302 : 2 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 10 Amps

### Specifications

Contact Type: Crimp  
Vtest: 1100 V (AC), 1600 V (DC)

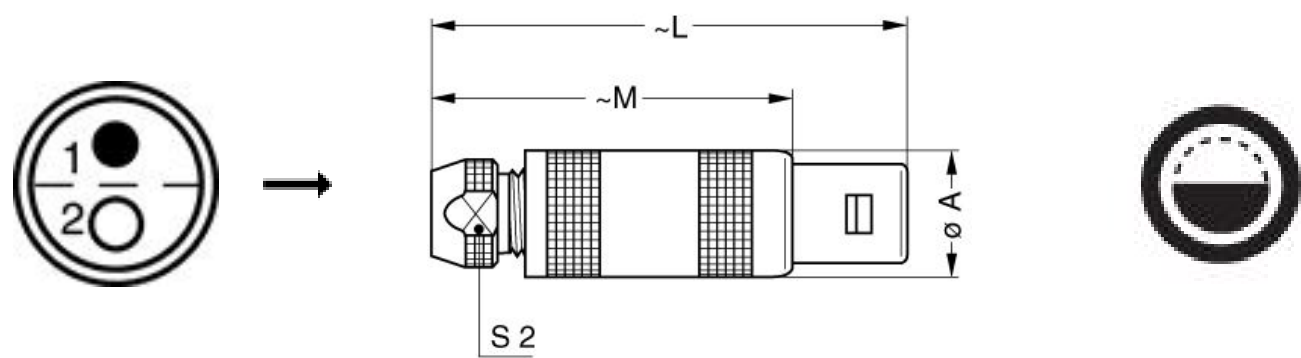
### Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +250°C  
Humidity (max): <=95% [at 60 deg C / 140 F]

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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	M	S2
mm.	9	34.5	24.5	6.5
in.	0,35	1,36	0,96	0,26

## RECOMMENDED BY LEMO

### Tools

- Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 20-22-24/6-5-5  
Positionner: [DCE.91.090.BVC](#)  
Extractor: [DCF.93.090.4LT](#)  
Replacement contact: FGG.0B.560.ZZC / EGG.0B.660.ZZM  
Spanner wrench: [DCD.05.005.PA065](#)

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Cables

20141	PVC	Grey	
20240	PTFE	White	
2080	PVC	Grey	

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