

## SUMMARY

### # Wires

Low voltage 2



Image is for illustrative purpose only

Series 0S  
Termination type Male solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 3.80 - 4.60 mm  
Status **obsolete**  
Alternative part [FLA.0S.302.CLAK52](#)  
Matching parts [ERA.0S.302.CLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FLA\*: Elbow 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 18.23 g

### Performance

Configuration 0S.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

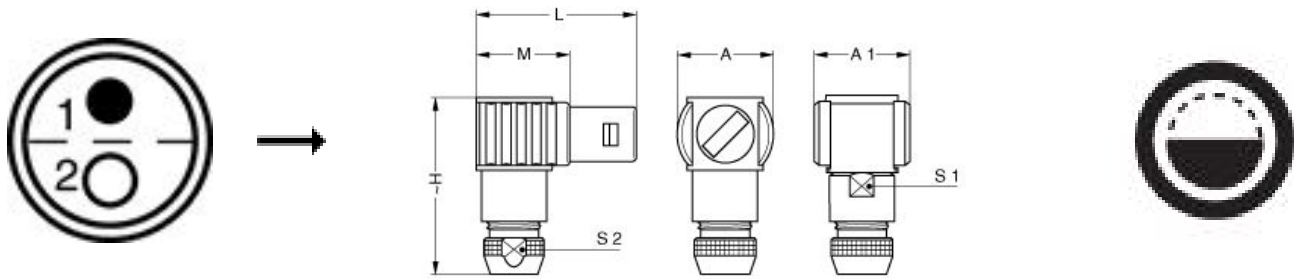
Contact Type: Solder  
Contact Dia.: 0.9 mm (0.0354in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest: 1500 V (AC), 2100 V (DC)

### Others

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Endurance (Shell): 5000 mating cycles  
 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

## DRAWINGS



### Dimensions













	A	A1	H	L	M	S1	S2
mm.	13	13	24.5	23	13	8	6.5
in.	0,51	0,51	0,96	0,91	0,51	0,31	0,26

## RECOMMENDED BY LEMO

### Tools

### Cables

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120240	PVC	Black	
120250	PVC	Grey	
20140	PVC	Grey	
20140	PVC	Grey	
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	
2280	PVC	Black	
4082	PVC	Grey	

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