

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series 1T  
Termination type Male solder  
IP rating 68 when mated  
AWG wire size 30.00 - 22.00  
Cable Ø 6.10 - 6.50 mm  
Status active  
Matching parts [EGG.1T.308.KLL](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
Housing Material Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces  
Weight 16.45 g

### Performance

Configuration 1T.308 : 8 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 5 Amps

### Specifications

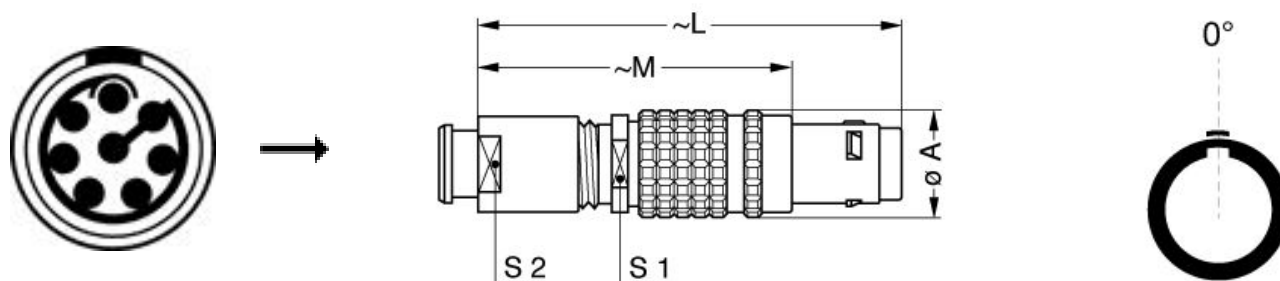
Contact Type: Solder  
Contact Dia.: 0.7 mm (0.028in)  
Bucket Dia.: 0.8 mm (0.031in)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

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## 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]  
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	M	S1	S2
mm.	12	45	34	11	9
in.	0,47	1,77	1,34	0,43	0,35

## RECOMMENDED BY LEMO

### Tools

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## Cables

180240	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	

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