

## SUMMARY

### # Wires

Low voltage 16



*Image is for illustrative purpose only*

Series 2T  
Termination type Male solder  
IP rating 68  
AWG wire size 24.00 - 24.00  
Cable Ø 7.60 - 8.00 mm  
Status active  
Matching parts [EGG.2T.316.CLL](#)

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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 (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 30.56 g

### Performance

Configuration 2T.316 : 16 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 6 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

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Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

## 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

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	15	54	42	14	12
in.	0,59	2,13	1,65	0,55	0,47

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## RECOMMENDED BY LEMO

### Tools

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## Cables

CMN.16.T22.076QGZE	TPR (medical)	Grey	
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