

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series 2T  
Termination type Male crimp  
IP rating 68  
AWG wire size 0.00 - 0.00  
Cable Ø 4.10 - 4.50 mm  
Status active

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief  
Keying 2 keys (alpha=30; 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 34.05 g

### Performance

Configuration T.310 : 10 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 8 Amps

### Specifications

Contact Type: Crimp  
Contact Retention: 30 N  
Contact Dia.: 0.9 mm (0.035in)  
Bucket Dia.: 1.1 mm (0.043in)  
Min. Conductor: 0.25 mm<sup>2</sup> (AWG 24)  
Max. Conductor: 0.5 mm<sup>2</sup> (AWG 20)

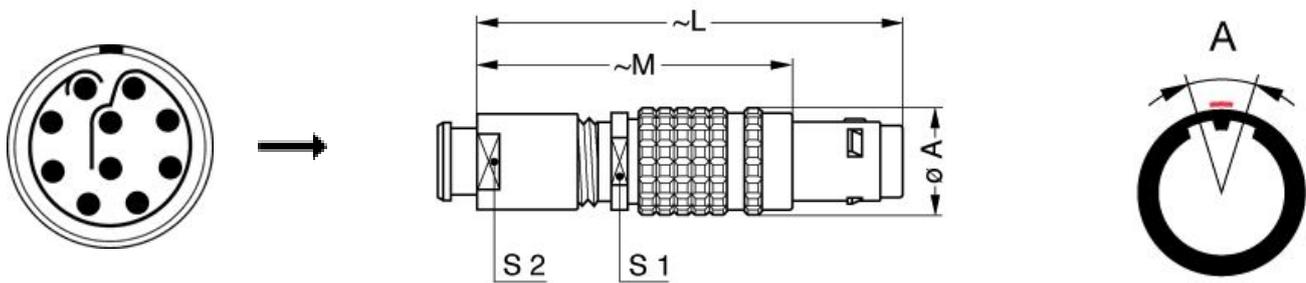
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R (max): 4.8 mOhm  
 Vtest (contact-shell): 2100 V (AC), 2970 V (DC)  
 Vtest (contact-contact): 1800 V (AC), 2550 V (DC)

## 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

## DRAWINGS



## Dimensions

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

## RECOMMENDED BY LEMO

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## Tools

Crimp Tool: [DPC.91.701.V](#)  
Positionner: [DCE.91.092.BVC](#)  
Extractor: [DCF.91.090.2LT](#)

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