

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series 2T  
Termination type Male crimp  
IP rating 68 when mated  
AWG wire size 24.00 - 22.00  
Cable Ø 7.10 - 7.50 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 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 31.19 g

### Performance

Configuration 2T.514 : 8 High Speed, Low Voltage (CAT 6A)  
Insulator Y: PEEK for crimp contacts  
Rated Current

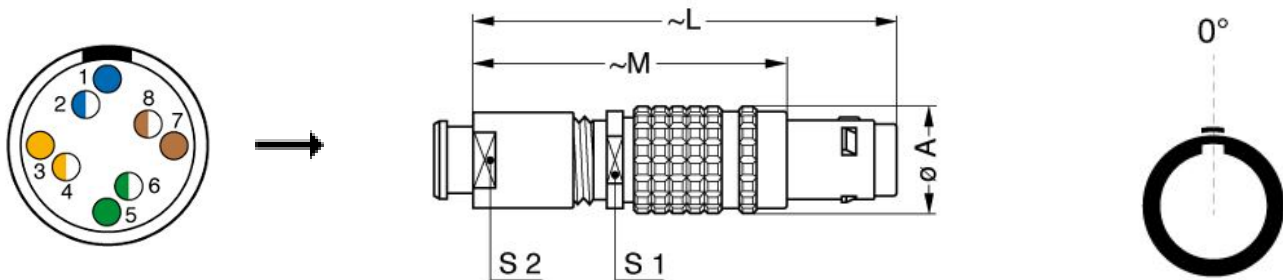
### Others

Endurance (Shell): >3000 mating cycles  
Temp (min / max): -55°C / +200°C

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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

### Tools

Crimp Tool: [DPC.91.701.V](#)  
 Crimp settings: AWG/Selector = 22-24-26/6-5-5  
 Positionner: [DCE.91.072.BVC](#)  
 Extractor: [DCC.07.04B.LAG](#)  
 Replacement contact: FGG.2B.555.ZZC

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