

## SUMMARY

### # Wires

Low voltage 6



*Image is for illustrative purpose only*

Series 2K  
Termination type Female crimp  
IP rating 68  
AWG wire size 20.00 - 18.00  
Cable Ø 6.10 - 6.50 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 (gamma=75, plug: female contacts, receptacle: male 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

### Performance

Configuration 2K.306 : 6 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 12 Amps

### Specifications

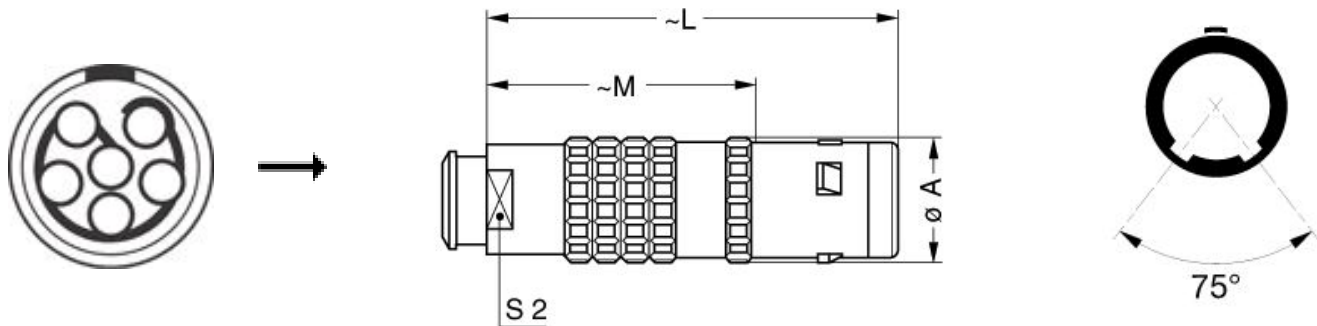
Contact Type: Crimp  
Contact Retention: 40 N  
Contact Dia.: 1.3 mm (0.051in)  
Bucket Dia.: 1.4 mm (0.055in)  
Min. Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
Max. Conductor: 1 mm<sup>2</sup> (AWG 18)  
R (max): 3.6 mOhm  
V<sub>test</sub> (contact-shell): 2350 V (AC), 3320 V (DC)  
V<sub>test</sub> (contact-contact): 2000 V (AC), 2850 V (DC)

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## Others

Endurance (Shell): 5000 mating cycles  
Temp (min / max): -55°C / +200°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): 95 dB (10 MHz)  
Shielding (min): 80 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



## Dimensions

	A	L	M	S2
mm.	16	52	36	12
in.	0,63	2,05	1,42	0,47

## RECOMMENDED BY LEMO

### Tools

Crimp Tool: [DPC.91.701.V](#)  
Crimp settings: AWG/Selector = 18-20/8-7

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Positionner: [DCE.91.132.BVM](#)  
 Extractor: [DCF.91.131.2LT](#)  
 Replacement contact: EGG.2B.665.ZZM  
 Spanner wrench: [DCD.2E.020.PA120](#)

## Cables

CMN.06.T20.062PGZE		Grey	
CMN.06.T20.062PNZE			
CMN.06.T20.062QGZE	TPR (medical)	Grey	
106220	PVC	Black	

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