

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 4

Series 2B  
Termination type Female crimp  
IP rating 50  
AWG wire size 20.00 - 18.00  
Cable Ø 4.30 - 5.20 mm  
Status active  
Matching parts [EGJ.2B.304.CYC](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet  
Keying 2 keys (alpha=37.5, 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  
Weight 30.58 g

### Performance

Configuration 2B.304 : 4 Low Voltage  
Insulator Y: PEEK for crimp contacts  
Rated Current 15 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  
Vtest (contact-shell): 2200 V (AC), 3110 V (DC)

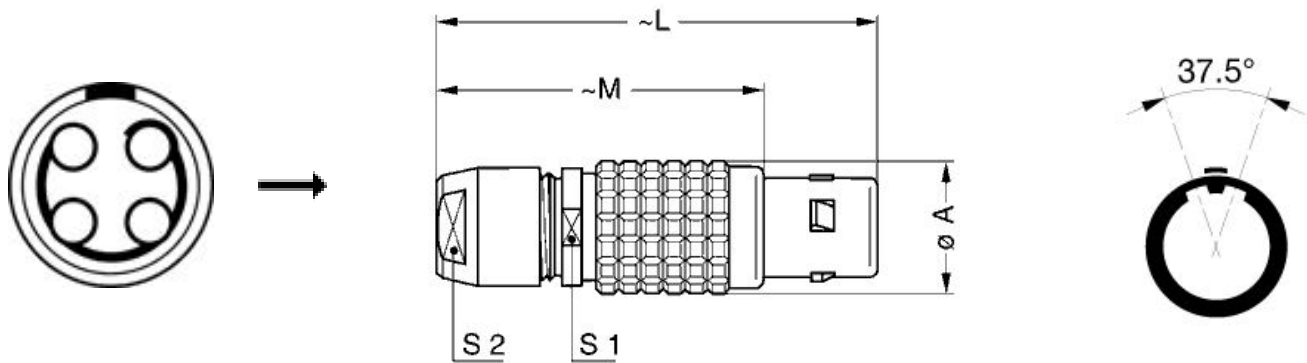
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Vtest (contact-contact): 2200 V (AC), 3110 V (DC)

## Others

Endurance (Shell): 5000  
Temp (min / max): -55 °C / +250 °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): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr

## DRAWINGS



## Dimensions

	A	L	M	S1	S2
mm.	15	50	38	13	12
in.	0,59	1,97	1,50	0,51	0,47







## RECOMMENDED BY LEMO

### Tools

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Crimp Tool: [DPC.91.701.V](#)  
 Crimp settings: AWG/Selector = 18-20/8-7  
 Positionner: [DCE.91.132.BVM](#)  
 Extractor: [DCF.91.131.2LT](#)  
 Replacement contact: EGG.2B.665.ZZM  
 Spanner wrench: [DCD.2B.025.PA120](#)

## Cables

CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	
140240	PVC	Black	
140250	PVC	Grey	
40260	PVC	Black	
4080	PVC	Grey	
4221	PVC	Black	
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	

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