

## SUMMARY

### # Wires

Low	4
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



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Series	3B
Termination type	Female crimp
IP rating	50
Cable Ø	6.30 - 7.70 mm
Matching parts	EGJ.3B.304.CYC

## 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) shell and collet nut, nickel plated brass latch sleeve and mid pieces
Cable Fixing	D72: 6.3 - 7.7 mm
Variant	

### Performance

Configuration	3B.304 : 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated Current	19 Amps

### Specifications

Contact Type: Crimp
Max. Matings: 5000
Contact Retention: 65 N
Contact Dia.: 2 mm (0.079in)
Bucket Dia.: 2.4 mm (0.094in)
Min. Conductor: 1.5 mm <sup>2</sup> (AWG 16)
Max. Conductor: 2.5 mm <sup>2</sup> (AWG 12)
R (max): 3.3 mOhm

Vtest (contact-shell): 2200 V (AC), 3110 V (DC)  
Vtest (contact-contact): 2500 V (AC), 3540 V (DC)

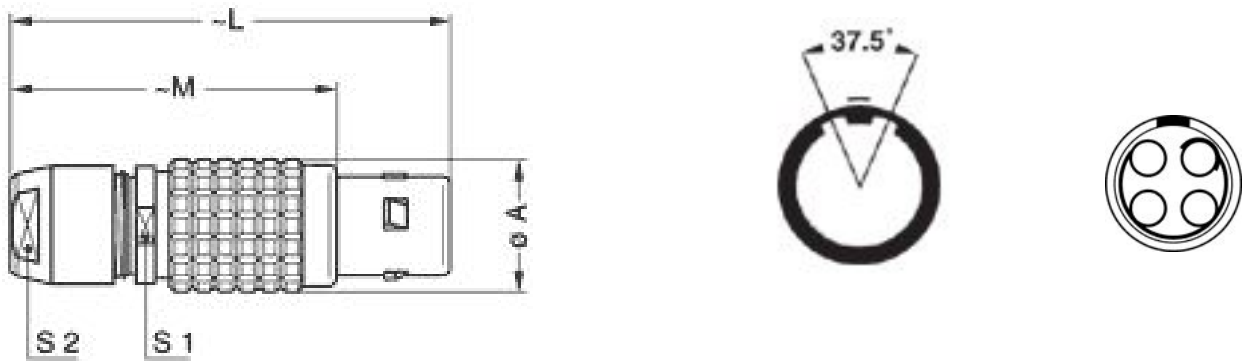
## Others

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]  
Salt Spray Corrosion: >1000 hr  
Climatical Category: 50/175/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
IP Rating: 50

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## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	18	58	43	15	14
in.	0.71	2.28	1.69	0.59	0.55

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## RECOMMENDED BY LEMO

### Tools

Crimp Tool: DPC.91.101.A  
Crimp settings: AWG/Selector = 12-14-16/8-7-6  
Positionner: DCE.91.203.BVCM  
Extractor: DCC.91.202.5LA

Spanner: DCP.91.023.TN  
Replacement contact: EGG.3B.675.ZZM  
Torque wrench: MTZ.3B.355.140

## Cables

240 750	PVC	Grey	
417 920	PVC	Grey	
CMU.04.100.067GB	PVC	Grey	
CTR.75.030.121870G	PVC	Grey	