

## SUMMARY

### # Wires

Low	8
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

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Series	3B
Termination type	Female solder
IP rating	50
Cable Ø	6.30 - 7.70 mm
Matching parts	EGJ.3B.308.CLA
Status	active
Alternative part	

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FG*: Straight plug, cable collet and nut for fitting a bend relief
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	Z : Nut for fitting a bend relief
Weight	50.33 g

### Performance

Configuration	3B.308 : 8 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/3.2, depends on material thickness)
Rated Current	13 Amps

### Specifications

Contact Type: Solder  
Max. Matings: 5000

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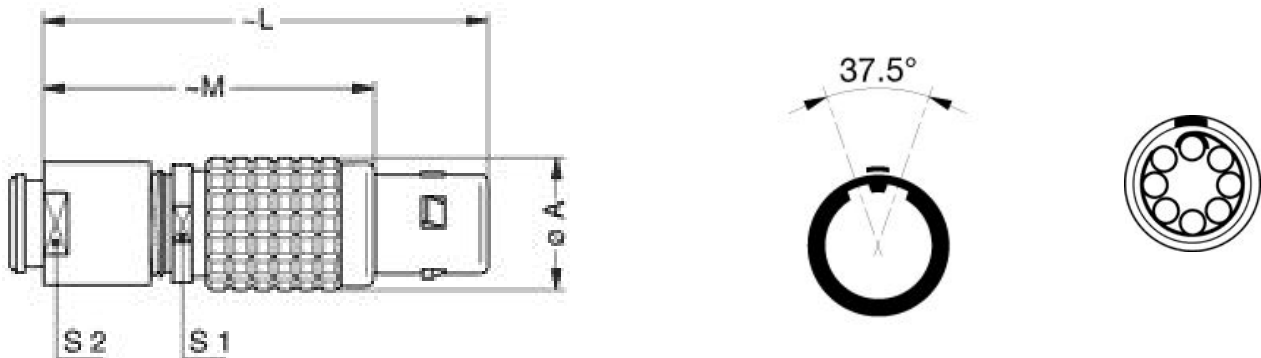
Contact Dia.: 1.3 mm (0.051in)  
 Bucket Dia.: 1 mm (0.039in)  
 Max. Solid Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 Max. Stranded Conductor: 0.5 mm<sup>2</sup> (AWG 20)  
 R (max): 3.6 mOhm  
 Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
 Vtest (contact-contact): 1650 V (AC), 2350 V (DC)

## 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

## DRAWINGS

### Draws



### Dimensions

	A	L	M	S1	S2
mm.	18	56.5	41.5	15	15
in.	0,71	2,22	1,63	0,59	0,59

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# RECOMMENDED BY LEMO

## Tools

Spanner wrench: DCD.3B.040.PA150

## Cables

CMN.08.T20.067PGCE	PVC	GREY	
CMN.08.T20.067PGZE		Grey	
CMN.08.T20.067PNCE	PVC	Black	
CMN.08.T20.067PNZE			
108 220	PVC	Black	
208 200	PVC	Black	
280 250	PVC	Grey	

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