

## SUMMARY

### # Wires

Low voltage 8



*Image is for illustrative purpose only*

Series	1B
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	5.30 - 6.20 mm
Status	active
Matching parts	<a href="#">EGI.1B.308.CLL</a>

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[See video assembly instructions](#)

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model FG\*: Straight plug, cable collet and nut for fitting a bend relief

### Keying

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 15.71 g

### Performance

Configuration 1B.308 : 8 Low Voltage

Insulator L: PEEK (UL 94 / V-0/1.5)

Rated Current 5 Amps

### Specifications

Contact Type: Solder

Contact Dia.: 0.7 mm (0.028in)

Bucket Dia.: 0.8 mm (0.031in)

Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)

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R (max): 6.1 mOhm

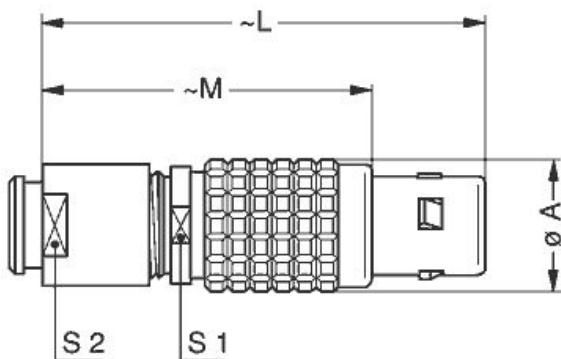
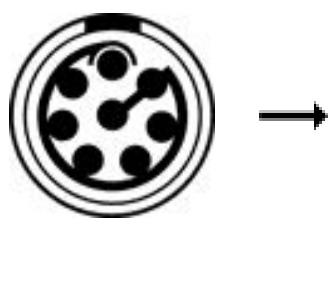
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Vtest (contact-shell): 1150 V (AC), 1630 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 V (DC)

## 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.	12	42	31	10	9
in.	0,47	1,65	1,22	0,39	0,35

## RECOMMENDED BY LEMO

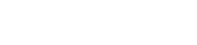
### Tools

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Spanner wrench:

[DCD.1B.015.PA090](#)

## Cables

CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	

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