

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 14

Series	1B
Termination type	Female solder
IP rating	50
AWG wire size	34.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	<a href="#">FGG.1B.314.CLAD42Z</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts (back panel mounting)
Keying	1 key (alpha=0, plug: male contacts, receptacle: female 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	10.55 g

### Performance

Configuration	1B.314 : 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2 Amps

### Specifications

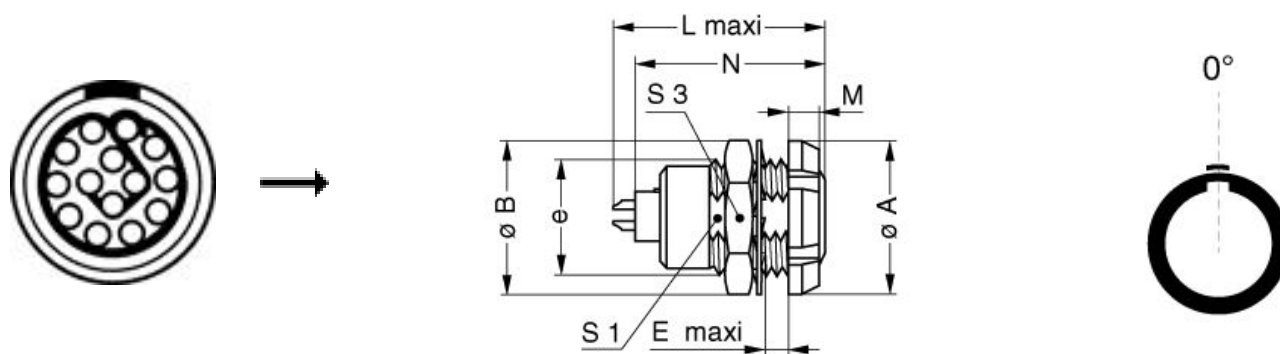
Contact Type:	Solder
Contact Dia.:	0.5 mm (0.02in)
Bucket Dia.:	0.45 mm (0.018in)
Max. Solid Conductor:	0.09 mm <sup>2</sup> (AWG 28)
Max. Stranded Conductor:	0.09 mm <sup>2</sup> (AWG 28)
R (max):	8.7 mOhm
Vtest (contact-shell):	1200 V (AC), 1700 V (DC)
Vtest (contact-contact):	800 V (AC), 1130 V (DC)

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## 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	B	E	L	M	N	S1	S3	e
mm.	16	15.8	6	23	3.5	21.1	10.5	14	M12x1.0
in.	0,63	0,62	0,24	0,91	0,14	0,83	0,41	0,55	



## RECOMMENDED BY LEMO

### Tools

Spanner 2: [DCH.91.161.PA](#)

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## Cables

CMN.14.T28.056PGZE		Grey	
CMN.14.T28.056PNZE			
CMN.14.T28.056QGZE	TPR (medical)	Grey	

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[FGJ.3B.308.CLLD72Z](#)