

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 19

Series 2B  
Termination type Female solder  
IP rating 50  
AWG wire size 30.00 - 22.00  
Cable Ø 1.40 - 9.90 mm  
Status active  
Matching parts [FGG.2B.319.CLAD52Z](#)

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EG\*: Fixed receptacle, nut fixing  
Keying 1 key (alpha=0, plug: male contacts, receptacle: female contacts)  
Housing Material Brass (chrome plated) shell and collet nut, nickel plated brass latch sleeve and mid pieces  
Weight 15.72 g

### Performance

Configuration 2B.319 : 19 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. Solid Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 1250 V (AC), 1770 V (DC)  
Vtest (contact-contact): 950 V (AC), 1340 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

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## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	18	19.5	8.5	26.7	1.8	24.6	13.5	17	M15x1.0
in.	0,71	0,77	0,33	1,05	0,07	0,97	0,53	0,67	






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## RECOMMENDED BY LEMO

### Tools

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## Cables

CMN.19.T22.079QGZE	TPR (medical)	Grey	
CMN.19.T22.080PGCE	PVC	GREY	
CMN.19.T22.080PGZE		Grey	
CMN.19.T22.080PNCE	PVC	Black	
CMN.19.T22.080PNZE			

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