

## SUMMARY

### # Wires

Low	10
High	0
Coax	0
Triax	0
Quad	0
Fiber	0
Fluidic	0



*Image is for illustrative purpose only*

Series	2B
Termination type	Female solder
IP rating	68
Cable Ø	1.40 - 9.90 mm
Status	active
Alternative part	
Matching parts	<a href="#"><u>FGG.2B.310.CLAD42Z</u></a>

### Download

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	HE*: Fixed receptacle, nut fixing, watertight or vacuum-tight (back panel mounting)
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
Variant	P : Watertight
Weight	23.04 g

### Performance

Configuration	2B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	8 Amps

### Specifications

Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)

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Max. Stranded Conductor: 0.34 mm<sup>2</sup> (AWG 22)  
R (max): 4.8 mOhm  
Vtest (contact-shell): 1300 V (AC), 1840 V (DC)  
Vtest (contact-contact): 1450 V (AC), 2050 V (DC)

## Others

Endurance (Shell): 5000  
Temp (min / max): -20 °C / +80 °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: 20/80/21  
Shielding (min): 75 dB (10 MHz)  
Shielding (min): 40 dB (1 GHz)  
Salt Spray Corrosion: >1000 hr  
Pressure: 40 bars  
IP Rating: 68

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## DRAWINGS

### Draws



### Dimensions

	A	B	E	L	M	P	S1	S2	e
mm.	20	20	5.5	31.6	3.5	9.6	13.5	15	M15x1.0
in.	0.79	0.79	0.22	1.24	0.14	0.38	0.53	0.59	

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# RECOMMENDED BY LEMO

## Tools

None

## Cables

CMN.10.T22.068PGCE	PVC	GREY	
CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
CMN.10.T22.068PGZE		Grey	
CMN.10.T22.068PNCE	PVC	Black	
CMN.10.T22.068PNZE			
CMN.10.T22.068QGC			
CMN.10.T22.068QGZE	TPR (medical)	Grey	
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
110 220	PVC	Black	
110 240	PTFE	White	
110 260	PTFE	White	
110 280	PVC	Black	
210 140	PVC	Grey	
210 240	PVC	Black	
210 250	PVC	Grey	
210 260	PVC	Black	

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