

## SUMMARY

### # Wires

Low voltage 10



*Image is for illustrative purpose only*

Series	2B
Termination type	Male solder
IP rating	50
AWG wire size	30.00 - 22.00
Cable Ø	4.30 - 5.20 mm
Status	active
Alternative part	<a href="#">FPG.2B.310.CLAD52</a>
Matching parts	<a href="#">EGG.2B.310.CLL</a>

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## TECHNICAL DETAILS

### Mechanics

Shell Style/Model	FH*: Elbow plug, cable collet
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	41.08 g

### Performance

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

### Specifications

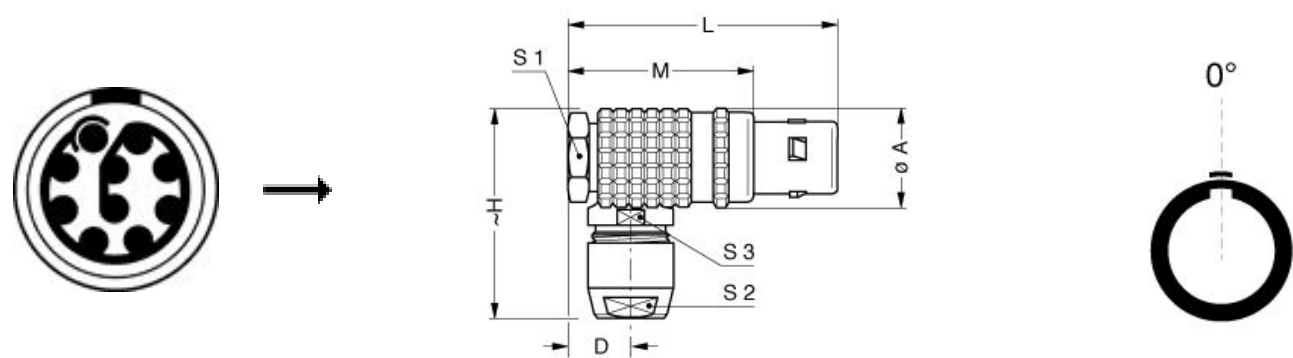
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm <sup>2</sup> (AWG 22)
Max. Stranded Conductor:	0.34 mm <sup>2</sup> (AWG 22)
R (max):	4.8 mOhm
Vtest (contact-shell):	1300 V (AC), 1840 V (DC)
Vtest (contact-contact):	1450 V (AC), 2050 V (DC)

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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	D	H	L	M	S1	S2	S3
mm.	16.5	9	34	41.5	29.5	14	12	13
in.	0,65	0,35	1,34	1,63	1,16	0,55	0,47	0,51




RECOMMENDED BY LEMO

Tools

Spanner wrench: [DCD.2B.025.PA120](#)

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Cables

CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNZE			
110260	PTFE	White	

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