

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	6.30 - 7.20 mm
Status	obsolete
Alternative part	FPG.2B.310.CLAD72
Matching parts	EGG.2B.310.CLL

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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	40.42 g

Performance

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

Specifications

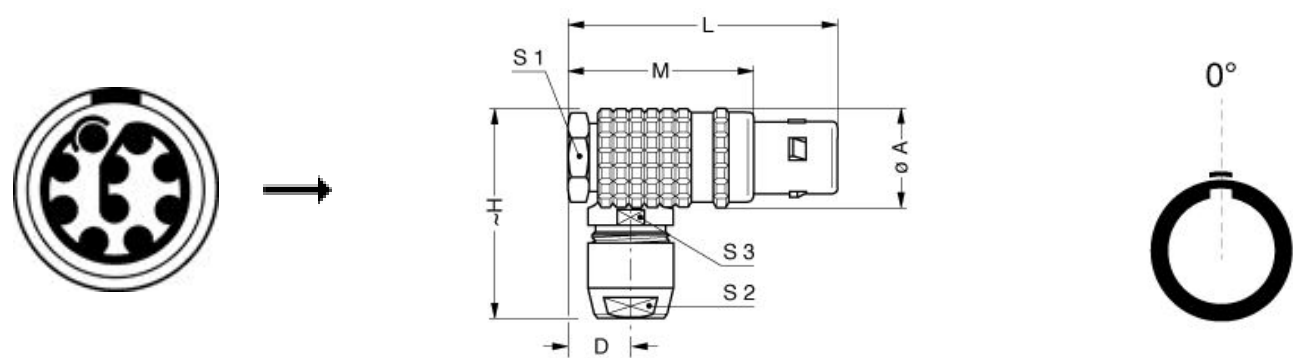
Contact Type:	Solder
Contact Dia.:	0.9 mm (0.035in)
Bucket Dia.:	0.8 mm (0.031in)
Max. Solid Conductor:	0.34 mm ² (AWG 22)
Max. Stranded Conductor:	0.34 mm ² (AWG 22)
R (max):	4.8 mOhm
Vtest (contact-shell):	1300 V (AC), 1840 V (DC)
Vtest (contact-contact):	1450 V (AC), 2050 V (DC)

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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.T22.068QGZE	TPR (medical)	Grey	
210240	PVC	Black	
210250	PVC	Grey	
210260	PVC	Black	

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