

SUMMARY

Wires

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



Image is for illustrative purpose only

Series	1B
Termination type	Male solder
IP rating	50
Cable Ø	0.00 - 0.00 mm
Status	active
Alternative part	
Matching parts	<u>EGG.1B.310.CLL</u>

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	FW*: Fixed plug, 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
Variant	
Weight	12.79 g

Performance

Configuration	1B.310 : 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 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 ² (AWG 28)

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Max. Stranded Conductor: 0.09 mm² (AWG 28)
R (max): 8.7 mOhm
Vtest (contact-shell): 1500 V (AC), 2120 V (DC)
Vtest (contact-contact): 900 V (AC), 1270 V (DC)

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
IP Rating: 50

DRAWINGS

Draws



Dimensions

	A	B	E	L	M	N	S1	S2	e
mm.	18	16	2.9	24.9	17	24.8	10.5	14	M12x1.0
in.	0.71	0.63	0.11	0.98	0.67	0.98	0.41	0.55	

RECOMMENDED BY LEMO

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Tools

None

Cables

CMN.10.T28.052PGCE	PVC	GREY	
CMN.10.T28.053QGZE	TPR (medical)	Grey	
CMN.10.T22.068QGC			
CMN.10.T28.052PGZE		Grey	
CMN.10.T28.052PNCE	PVC	Black	
CMN.10.T28.052PNZE			
110 280	PVC	Black	

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