

SUMMARY

Wires

Low voltage 12



Image is for illustrative purpose only

Series	2B
Termination type	Female print PCB
IP rating	50
AWG wire size	22.00 - 22.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.2B.312.CLAD82

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TECHNICAL DETAILS

Mechanics

Shell Style/Model	EC*: Fixed receptacle with two nuts and straight contacts for printed circuit (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
Weight	17.08 g

Performance

Configuration	2B.312 : 12 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	7 Amps

Specifications

Contact Type: Print (straight)
 Contact Dia.: 0.7 mm (0.028in)
 R (max): 6.1 mOhm
 Vtest (contact-shell): 1350 V (AC), 1910 V (DC)
 Vtest (contact-contact): 1250 V (AC), 1770 V (DC)

Others

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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

Draws



Dimensions

	A	B	E	L	M	N	S1	S3	e
mm.	20	19.2	6.5	24.8	3.5	21.5	13.5	17	M15x1.0
in.	0.79	0.76	0.26	0.98	0.14	0.85	0.53	0.67	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.201.PA](#)

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