

SUMMARY

Wires

Low voltage 6



Image is for illustrative purpose only

Series	0B
Termination type	Female print PCB
IP rating	50
AWG wire size	28.00 - 28.00
Cable Ø	0.00 - 0.00 mm
Status	active
Matching parts	FGG.0B.306.CLAD52

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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	4.94 g

Performance

Configuration	0B.306 : 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	2.5 Amps

Specifications

Contact Type: Print (straight)
 Contact Dia.: 0.5 mm (0.02in)
 R (max): 8.7 mOhm
 Vtest (contact-shell): 650 V (AC), 920 V (DC)
 Vtest (contact-contact): 850 V (AC), 1200 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
12NC part number: 4022.438.33261

DRAWINGS

Draws



Dimensions

	A	B	E	Lmax	M	Nmax	S1	S3	e
mm.	12	12.4	5.5	19.55	2.5	16.3	8.2	11	M9x0.6
in.	0.47	0.49	0.22	0.77	0.10	0.64	0.32	0.43	

RECOMMENDED BY LEMO

Tools

Spanner 2: [DCH.91.121.PA](#)

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