

## SUMMARY

### # Wires

Low voltage 5



*Image is for illustrative purpose only*

Series	0B
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	<a href="#">FGG.0B.305.CLAD52Z</a>

### Download

[Request a quote](#)  
[PCB Eagle Pattern](#)  
[PCB Altium Pattern](#)  
[PCB KiCad Pattern](#)  
[Catalog](#)

## 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	5.16 g

### Performance

Configuration	0B.305 : 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated Current	6.5 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.7 mm (0.028in)  
R (max): 6.1 mOhm  
Vtest (contact-shell): 700 V (AC), 990 V (DC)  
Vtest (contact-contact): 1000 V (AC), 1400 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: 4022.438.33234

## 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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## Cables

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