

## SUMMARY



Image is for illustrative purpose only

### # Wires

Low voltage 2

Series 0B  
Termination type Female print PCB  
IP rating 50  
AWG wire size 20.00 - 20.00  
Cable Ø 0.00 - 0.00 mm  
Status active  
Matching parts [FGG.0B.302.CLAD42](#)

### Download

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

## TECHNICAL DETAILS

### Mechanics

Shell Style/Model EY\*: Fixed receptacle for printed circuit, nut fixing (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 7.56 g

### Performance

Configuration 0B.302 : 2 Low Voltage  
Insulator L: PEEK (UL 94 / V-0/1.5)  
Rated Current 10 Amps

### Specifications

Contact Type: Print (straight)  
Contact Dia.: 0.9 mm (0.035in)  
R (max): 4.8 mOhm  
Vtest (contact-contact): 1300 V (AC), 1840 V (DC)  
Vtest (contact-shell): 1050 V (AC), 1490 V (DC)

### Others

Endurance (Shell): 5000

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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: 4022.438.33526

## DRAWINGS

### Draws



### Dimensions

	A	B	C	D	E	M	N	P	S1	e
mm.	12	10	12.5	7.62	2.6	2.5	15	6	8.2	M9x0.6
in.	0.47	0.39	0.49	0.30	0.10	0.10	0.59	0.24	0.32	

## RECOMMENDED BY LEMO

### Tools

### Cables

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