



## Summary

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Low Voltage	3
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Matching parts	<a href="#">FGG.0B.303.CLAD52</a>
Series	B - Indoor keyed

## Technical details

### Electrical Configuration

Termination Low voltage	PCB - Straight
R (max)	4.8 mOhm
Insert configuration value	0B.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 Amps
Vtest (contact-contact)	1200 V (AC), 1700 V (DC)
Vtest (contact-shell)	900 V (AC), 1270 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.9 mm (0.035in)
Low Voltage	3
Gender	Standard

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html)

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## Form & Material

Shell style / Model id	EZ - Straight receptacle for printed circuit
Socket / Receptacle	Free
Housing material	Brass (chrome plated [SAE AMS 2460]) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	6.42 g

## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection	IP50
Temp (min / max)	-55°C / +250°C
Climatical Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

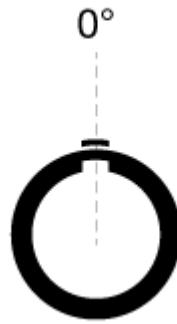
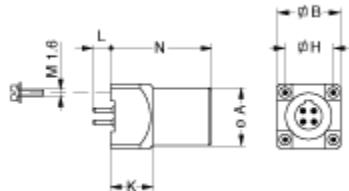
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

## Drawings

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html)

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## Dimensions

	<b>A</b>	<b>B</b>	<b>H</b>	<b>K</b>	<b>N</b>	<b>L</b>
mm.	9	10	7.62	8	15	3-4.5
in.	0.35	0.39	0.3	0.31	0.59	

## Recommended By Lemo

### Accessories

### Tools

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ezg-0b-303-cln.html)

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