

Special



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Summary

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[unipole multipole](#)

[Customer Drawing](#)

Number of contacts Low Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	00
Suggested matching part	FGG.00.304.CLAD22
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/epg-00-304-nln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	PCB - Straight
Insert configuration value	00.304/EPG - 4 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	C (High Design Producibility - Reduced)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	0.9 kV (DC)
Contact Dia.	0.5
Gender	Standard

Form & Material

Shell style / Model id	EP - Elbow receptacle for printed circuit
Socket / Receptacle	Elbow
Housing material	Brass (nickel plated [SAE AMS QQ N 290]) shell, collet nut, latch sleeve and mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	3.85 g

Environment

Environmental sealing (IP rating)	IP50
Climatic Category	55/175/21
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	>144 hr

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Recommended By Lemo

Accessories

Compatible cap	BRE.00.200.NAS
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CAD

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download

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