

Special

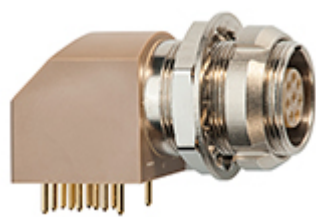


Image for illustrative purpose only

Summary

[Request a quote](#)

[unipole multipole](#)

[Customer Drawing](#)

Number of contacts Low Voltage	2
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	00
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	2
Contact Termination Low voltage	PCB - Straight
Insert configuration value	00.302/XBG - 2 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)	1.4 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
Contact Dia.	0.5
Gender	Standard

Form & Material

Shell style / Model id	XB - Elbow receptacle fixing nut for printed circuit (back panel mounting)
Socket / Receptacle	Elbow
Housing material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	4.38 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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/xbg-00-302-hln.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Panel Drill Hole	M7

Recommended By Lemo

Tools

Spanner 2	DCM.65.088.AZ4
Spanner wrench	DCB.91.455.0LN

CAD

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/xbg-00-302-hln.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.