



Image for illustrative purpose only

Summary

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[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 |
| 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 |
| Climatical 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

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Cable fixation

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

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 |

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