

Special

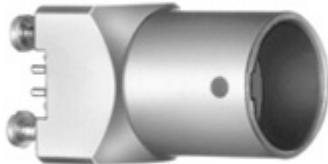


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Summary

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[Customer Drawing](#)

| | |
|--------------------------------|------------------------------------|
| Number of contacts Low Voltage | 4 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Size | 0B |
| Suggested matching part | FGG.0B.304.NLAD42Z |
| Series | B - Indoor keyed |

Technical details

Electrical Configuration

| | |
|---|---------------------------|
| Number of contacts Low Voltage | 4 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 6.1 mOhm |
| Insert configuration value | 0B.304 - 4 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 7 A |
| Vtest (contact-contact) | 1.2 kV (DC) |
| Vtest (contact-shell) | 1 kV (DC) |
| Contact Dia. | 0.7 mm (0.028in) |
| Number of differentiated pairs (High speed) | 1 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EZ - Straight receptacle for printed circuit |
| Socket / Receptacle | Free |
| 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 | 6.45 g |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ezg-0b-304-nln.html

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Environment

| | |
|-----------------------------------|--|
| Technical domain | Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +250°C (max. temperature valid for short periods of use.) |
| 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 |

Recommended By Lemo

Accessories

| | |
|----------------|--------------------------------|
| Compatible cap | BRE.05.200.NAS |
|----------------|--------------------------------|

CAD

Documents

| | |
|------------|--------------------------|
| PCB | Download |
| PCB Eagle | Download |
| Kicad | Download |
| PCB Altium | Download |

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