



Summary

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| | |
|--------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 2 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Free |
| Locking system | Push-pull |
| Size | 0B |
| Matching parts | FGG.0B.302.CLAD42 |
| Series | B - Indoor keyed |

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ezg-0b-302-cln.html

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Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0B.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 10 Amps |
| Vtest (contact-contact) | 1300 V (AC), 1840 V (DC) |
| Vtest (contact-shell) | 1050 V (AC), 1490 V (DC) |
| Contact Type | Print (straight) |
| Contact Dia. | 0.9 mm (0.035in) |
| Number of contacts Low Voltage | 2 |
| Gender | Standard |

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 | 6.28 g |

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 |
| Temperature range | -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 |

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