



Summary

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| | |
|--------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 3 |
| Gender | Standard |
| Socket / Receptacle | Socket / Receptacle - Elbow |
| Locking system | Push-pull |
| Size | 0B |
| Suggested matching part | FGF.0B.303.CLAD42 |
| Series | B - Indoor keyed |

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/exf-0b-303-hln.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|----------------------------|
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0B.303/EXG - 3 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Rated current | 4.5 A |
| Test voltage contact-body shell | 1.6 kV rms |
| Test voltage contact-contact | 1.7 kV rms |
| Contact Type | Print (straight) |
| Contact Dia. | 0.9 mm (0.035in) |
| Number of contacts Low Voltage | 3 |
| Gender | Standard |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EX - Elbow receptacle for printed circuit with two nuts (solder or screw fixing, 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 | 2 keys (beta=155, plug: male contacts, receptacle: female contacts) |

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 |
| 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 | >144 hr |

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