



Image for illustrative purpose only

Summary

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| | |
|--------------------------------|-----------------------------------|
| Number of contacts Low Voltage | 2 |
| Socket / Receptacle | Socket / Receptacle - Elbow |
| Locking system | Push-pull |
| Size | 0S |
| Suggested matching part | FFA.0S.302.CLAC22 |
| Series | S - Indoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/epl-0s-302-hln.html

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Technical details

Electrical Configuration

| | |
|---------------------------------|---------------------------|
| Number of contacts Low Voltage | 2 |
| Contact Termination Low voltage | PCB - Straight |
| R (max) | 4.8 mOhm |
| Insert configuration value | 0S.302 - 2 Low Voltage |
| Insulator | L: PEEK (UL 94 / V-0/1.5) |
| Test voltage (kV DC) | 1.6 |
| Test voltage (kV rms) | 1.2 |
| Contact Dia. | 0.9 mm (0.0354in) |

Form & Material

| | |
|------------------------|--|
| Shell style / Model id | EPL - Elbow receptacle for printed circuit (solder or screw fixing) |
| Socket / Receptacle | Elbow |
| Housing material | PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass |
| Locking system | Push-pull |
| Keying | Hermaphroditic keying (half moon insert) with female pin 1 |
| Weight | 9.42 g |

Environment

| | |
|-----------------------------------|---|
| Technical domain | Audio Video, Energy and Industrial, Semiconductor, Test and Measurement |
| Environmental sealing (IP rating) | IP50 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +220°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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Recommended By Lemo

Accessories

Compatible cap

[BRE.OS.200.NAS](#)

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