



Image for illustrative purpose only

Summary

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| | |
|-------------------------|-----------------------------------|
| Nb of contacts Coax | 1 |
| Socket / Receptacle | Socket / Receptacle - Elbow |
| Locking system | Push-pull |
| Size | 0S |
| Suggested matching part | FFA.0S.250.CLAC17 |
| Series | S - Indoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/epl-0s-250-ctn.html

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Technical details

Electrical Configuration

| | |
|----------------------------|--|
| Nb of contacts Coax | 1 |
| Insert configuration value | 0S.250 - 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 A |
| Test voltage (kV rms) | 1.2 |
| Contact Type | Coaxial 50 Ohm (PCB) |
| Cable type | RG 178 B/U, RG 196 A/U, RG 188 A/U, RG 316 B/U, RG 174 A/U, HF-2114, RG 122 /U |
| Bucket Dia. | 1 mm (0.04in) |
| Contact Dia. | 0.9 mm (0.04in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | EPL - Elbow receptacle for printed circuit |
| Socket / Receptacle | Elbow |
| 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 | Circular, female |
| Colour | Grey |
| Weight | 4.86 g |

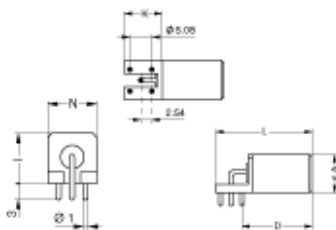
Environment

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



Dimensions

| | A | D | H | I | K | L | N |
|-----|----------|----------|----------|----------|----------|----------|----------|
| mm. | 8.8 | 16 | 12 | 9 | 7.7 | 22.7 | 9 |
| in. | 0.35 | 0.63 | 0.47 | 0.35 | 0.3 | 0.89 | 0.35 |

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