



Summary

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| | |
|------------------------------------|---|
| Nb of contacts Coax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 8.30 mm |
| Size | 0S |
| Matching parts | FFA.0S.250.CTAC17 |
| Series | S - Indoor Stepped Insert |

Technical details

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

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Electrical Configuration

| | |
|----------------------------|--|
| Nb of contacts Coax | 1 |
| Contact Termination Coax | Solder |
| Insert configuration value | 0S.250 - 1 Coax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 Amps |
| Impedance | 50 Ohm |
| VSWR | 1.02 + 0.25 * f/GHz |
| Vtest | 3000 V (AC), 4200 V (DC) |
| Contact Type | Coaxial 50 Ohm (Solder) |
| Cable type | Cable type: A 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 S |
| Bucket Dia. | 1 mm (0.039in) |
| Contact Dia. | 0.9 mm (0.035in) |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | ERA - Fixed receptacle, nut fixing |
| Socket / Receptacle | Fixed Panel Front Mounted |
| 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 |
| Weight | 4.09 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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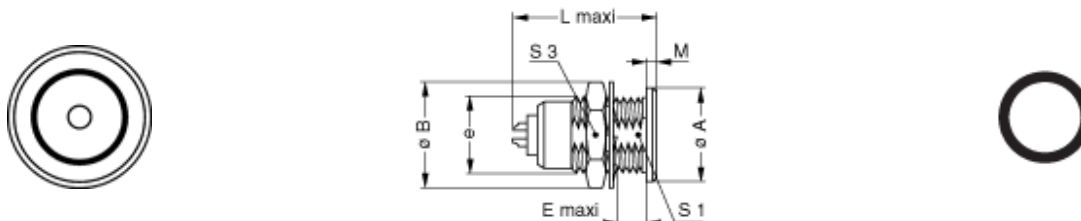
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Cable fixation

Jacket cable outside diameter [mm]

1.00 - 8.30 mm

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 10 | 12.5 | M9x0.6 | 7 | 18.5 | 1.2 | 8.2 | 11 |
| in. | 0.39 | 0.49 | | 0.28 | 0.73 | 0.05 | 0.32 | 0.43 |

Recommended By Lemo

Accessories

Tools












Spanner wrench

[Socket for torque wrench DCM.0S.M09.4](#)

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Cables

| Cable PartNumber | Material | Colour | Cable image |
|---------------------|-----------|--------|--|
| 158480 | PUR | Black |  |
| 158490 | PVC | Black |  |
| 159580 | PVC | Black |  |
| 17420 | PVC | Black |  |
| 17450 | COPOLYMER | Black |  |
| 178190 | PTFE | Brown | |
| 18000 | PTFE | Brown |  |
| 18700 | PTFE | White |  |
| 18800 | PTFE | White | |
| 196270 | PTFE | White | |
| 31600 | PTFE | Brown | |
| 62000 | PVC | Black |  |
| CCX.50.030.083.180B | | white | |
| CCX.50.080.297538N | PVC | Black | |
| CCX.50.088.292495N | PVC | Black | |
| CCX.50.RG0.58AU14B | FEP | white | |
| CCX.50.RG0.58AU61J | PVC | Yellow | |
| CCX.50.RG1.74-U25N | PVC | Black | |
| CCX.50.RG1.74AU28N | PVC | Black | |
| CCX.50.RG1.74AU28N | PVC | Black |  |
| CCX.50.RG1.74U25N | PVC | Black | |
| CCX.50.RG1.78BU18M | FEP | Brown | |
| CCX.50.RG1.78BU18M | PTFE | Brown | |
| CCX.50.RG1.88AU24B | TFE | white | |
| CCX.50.RG1.88AU26B | PFA | White | |
| CCX.50.RG1.88AU26B | PTFE | White | |
| CCX.50.RG1.96AU19B | PTFE | White | |
| CCX.50.RG1.96AU20B | PFA | White | |
| CCX.50.RG3.16BU26M | FEP | Brown | |
| CCX.50.RG3.16U28M | PTFE | Brown | |
| CCX.50.RG5.8CU50N | PVC | Black | |
| CCX.75.040.195327G | PVC | Grey | |
| CCX.75.RG0.59BU62N | PVC | Black |  |
| CCX.75.RG1.79BU26M | FEP | Brown | |
| CCX.75.RG1.87AU26B | PFA | White | |
| CCX.75.RG1.87AU27B | PTFE | White |  |
| CCX.93.RG0.62AU62N | PVC | Black |  |
| CCX.95.RG1.80BU36M | PTFE | Brown |  |
| CCX.95.RG1.95AU37B | PFA | White | |

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