



Image for illustrative purpose only

Summary

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| | |
|------------------------------------|---|
| Number of contacts Low Voltage | 2 |
| Number of contacts High Voltage | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.30 - 18.60 mm |
| Size | 2E |
| Suggested matching part | FFA.2E.702.CJAC70 |
| Series | E - Outdoor Stepped Insert |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/era-2e-702-cjl.html

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Technical details

Electrical Configuration

| | |
|---------------------------------------|-----------------------------|
| Contact Termination Low voltage | Solder |
| Contact Termination High voltage | Solder |
| Insert configuration value | 2E.702 - 1 High V. 2 Low V. |
| Insulator | J: PEEK/PEEK |
| Rated current | 15 A |
| Test voltage HV contact - Ue (kV rms) | 6.3 |
| Contact Type | Solder |
| Air clearance | 10 mm |
| Creepage distance | 10 mm |
| Number of contacts Low Voltage | 2 |
| Number of contacts High Voltage | 1 |

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, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces |
| Locking system | Push-pull |
| Keying | Hermaphroditic keying (half moon insert) with female pin 1 |
| Colour | Grey |
| Weight | 34.84 g |

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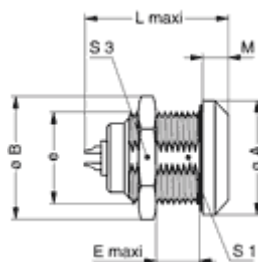
Environment

| | |
|-----------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental sealing (IP rating) | IP68 |
| Endurance | 5000 mating cycles |
| Temperature range | -55°C / +200°C |
| Climatical Category | 50/175/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 95 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Shock Resistance | 100 g [6 ms] |
| Vibration | 15 g [10 Hz - 2000 Hz] |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.30 - 18.60 mm |
|------------------------------------|-----------------|

Drawings



Dimensions

| | A | B | e | E | L | M | S1 | S3 |
|-----|------|------|---------|------|------|-----|------|------|
| mm. | 25 | 27.5 | M20x1.0 | 9 | 28.5 | 5 | 18.5 | 24 |
| in. | 0.98 | 1.08 | | 0.35 | 1.12 | 0.2 | 0.73 | 0.94 |

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