



Summary

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| | |
|------------------------------------|---|
| Triax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Push-pull |
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
| Size | 0E |
| Matching parts | FFA.0E.650.CLAC10 |
| Series | E - Outdoor Stepped Insert |

Technical details

Electrical Configuration

| | |
|----------------------------|----------------------------------|
| Triax | 1 |
| Contact Termination Triax | Solder |
| Insert configuration value | 0E.650 - 1 Triax (50 Ohm) |
| Insulator | T: PTFE |
| Rated current | 6 Amps |
| Impedance | 50 Ohm |
| VSWR | 1.03 + 0.34 * f/GHz |
| Vtest | 1200 V (AC), 1690 V (DC) |
| Contact Type | Solder |
| Cable type | Cable type: A RGT 178, RGT 174 S |

https://www.lemo.com/int_en/solutions/originals/e-outdoor-stepped-insert/hgp-0e-650-ctlp.html

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Form & Material

| | |
|------------------------|--|
| Shell style / Model id | HGP - Fixed receptacle, nut fixing, watertight or vacuum-tight |
| 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 | Circular, female |
| Variant | Watertight unmated (connector to device) |
| Weight | 14.46 g |

Environment

| | |
|--------------------------------------|---|
| Technical domain | Energy and Industrial, Test and Measurement |
| Environmental protection (IP rating) | IP68 |
| Minimal temperature | -20°C / +100°C |
| Climatical Category | 20/80/21 |
| 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] |
| Pressure | 60 bars |
| Salt Spray Corrosion | >1000 hr |

Cable fixation

| | |
|------------------------------------|-----------------|
| Jacket cable outside diameter [mm] | 1.00 - 12.60 mm |
|------------------------------------|-----------------|

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