



Summary

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| | |
|---------------------|---|
| Coax | 1 |
| Socket / Receptacle | Socket / Receptacle - Fixed Panel Front Mounted |
| Locking system | Threaded |
| Size | 3 |

Technical details

Electrical Configuration

| | |
|----------------------------|------------------------|
| Coax | 1 |
| Contact Termination Coax | Solder |
| Insert configuration value | 3.25 - 1 Coax (50 Ohm) |
| Contact Type | Solder |

Form & Material

| | |
|------------------------|---|
| Shell style / Model id | HVR.03 - Fixed receptacle, hexagonal flange, |
| 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 | Threaded |
| Keying | 3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts) |
| Variant | Watertight / Vacuum-tested unmated (connector to device) |
| Weight | 4.53 g |

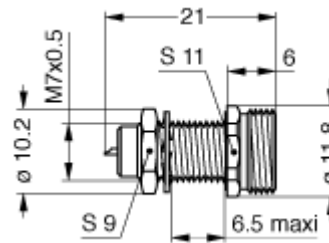
https://www.lemo.com/int_en/hvr-03-250-cllpv.html

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Environment

| | |
|--------------------------------------|---|
| Environmental protection (IP rating) | Hermetic unmated |
| Minimal temperature | -20°C / +100°C |
| Climatical Category | 20/200/21 |
| Humidity (max) | <=95% [at 60 deg C /140 F] |
| Shielding (min) | 100 dB (10 MHz) |
| Shielding (min) | 80 dB (1 GHz) |
| Pressure | 60 bars (120 bars with LEMO cable assembly) |
| R leak (He) (max) | 0.0000001 mbar*l/s (if vacuum-tested) |
| Salt Spray Corrosion | >1000 hr |

Drawings



Dimensions

| | A | B | e | L | E | M | S1 | S2 |
|-----|----------|----------|----------|----------|----------|----------|-----------|-----------|
| mm. | 11.8 | 10.2 | M7x0.5 | 21 | 6.5 | 6 | 11 | 9 |
| in. | 0.46 | 0.4 | | 0.83 | 0.26 | 0.24 | 0.43 | 0.35 |

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