



*Image for illustrative purpose only*

## Summary

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[03 Series en](#)

Nb of contacts Coax	1
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Threaded
Size	3

[https://www.lemo.com/int\\_en/hvr-03-250-cllpv.html](https://www.lemo.com/int_en/hvr-03-250-cllpv.html)

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# Technical details

## Electrical Configuration

Nb of contacts Coax	1
Contact Termination Coax - Conductor fixing	Solder
Insert configuration value	3.25 - 1 Coax (50 Ohm)
Footprint IPC Class3 compatibility	No
Rated current	4 A
Impedance	50 Ohms

## 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

## Environment

Environmental sealing (IP rating)	Hermetic unmated
Temperature range	-20°C / +100°C
Climatic 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)	10 <sup>-7</sup> mbar·l/s (if vacuum-tested)
Salt Spray Corrosion	>1000 hr

## Cable fixation

Panel Drill Hole	M7
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# 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