



*Image for illustrative purpose only*

## Summary

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Nb of contacts Coax	1
Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Series	B - Indoor keyed

# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Nb of contacts Coax	1
Contact Termination Coax	Solder
R (max)	3.8 mOhm
Insert configuration value	2B.804 - 1 Coax (50 Ohm), 4 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage (kV DC)	1.05
Contact Type	Coaxial 50 Ohm (Solder) Type A1
Max. Solid Conductor	0.5 mm <sup>2</sup> (AWG 20)
Max. Stranded Conductor	0.14 mm <sup>2</sup> (AWG 26)
Cable type	RG 179 B/U, RG 187 A/U
Contact Dia.	0.7 mm (0.03in)
Number of contacts Low Voltage	4
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	EH - Fixed receptacle, nut fixing and protruding shell
Socket / Receptacle	Fixed Panel Front Mounted
Housing material	Brass (black chrome) shell and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	19.36 g

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ehg-2b-804-kli3.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehg-2b-804-kli3.html)

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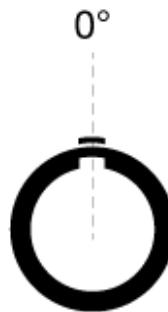
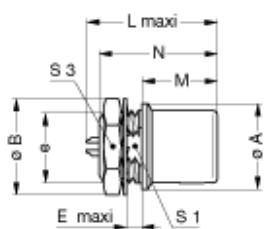
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
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

## Cable fixation

Jacket cable outside diameter [mm]	2.00 - 13.60 mm
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## Drawings



## Dimensions

	<b>e</b>	<b>B</b>	<b>A</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>	<b>E</b>
mm.	M15x1.0	19.5	18	22.7	12.5	24.6	13.5	17	5.1
in.		0.77	0.71	0.89	0.49	0.97	0.53	0.67	0.2

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ehg-2b-804-kl13.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehg-2b-804-kl13.html)

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