



Summary

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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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehg-2b-804-kll3.html

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Electrical Configuration

Contact Termination Low voltage	Solder
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 Amps
Test voltage (kV rms)	0.75
Contact Type	Coaxial 50 Ohm (Solder) Type A1
Max. Solid Conductor	0.5 mm ² (AWG 20)
Max. Stranded Conductor	0.14 mm ² (AWG 26)
Cable type	Cable type: A RG 179 B/U, RG 187 A/U S
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)
Weight	19.36 g

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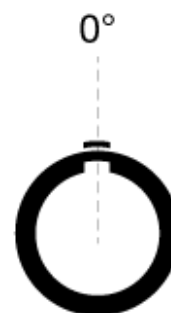
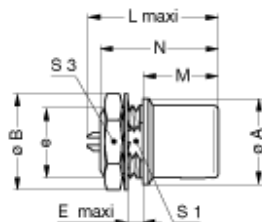
Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental protection (IP rating)	IP50
Minimal temperature	-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

	e	B	A	L	M	N	S1	S3	E
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

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