

Special



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Summary

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[BKT series](#)

Number of contacts High Voltage	5
Wire Size/AWG	30 - 22
Gender	Reverse Gender
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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ehk-2b-435-cjl.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	5
Contact Termination High voltage	Solder
Insert configuration value	2B.435 - 5 High Voltage
Insulator	J: PEEK/PEEK
Test voltage (kV DC)	9
Creepage distance	4.7 mm
Wire Size/AWG	30 - 22
Gender	Reverse Gender

Form & Material

Shell style / Model id	EH - Fixed receptacle, nut fixing and protruding shell
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	Push-pull
Keying	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	16.37 g

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 (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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

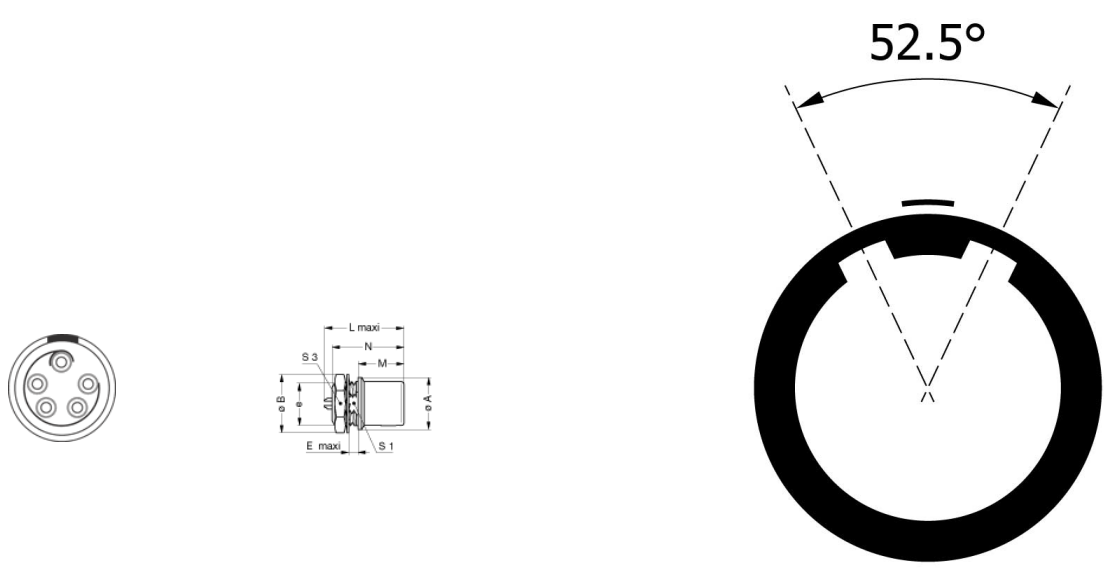
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Cable fixation

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

Recommended By Lemo

Caps

Compatible cap	BRE.2S.200.NAS
Cap 2	BRE.2S.200.NAV