

## Summary

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High Voltage	7
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Matching parts	<a href="#">FGG.2B.437.CJLD82Z</a>
Series	B - Indoor keyed

## Technical details

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/ecg-2b-437-cja.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-2b-437-cja.html)

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## Electrical Configuration

Contact Termination High voltage	Solder
Insert configuration value	2B.437 - 7 High Voltage
Insulator	J: PEEK/PEEK
Rated current	1 Amps
Test voltage (kV AC)	6.4
Contact Type	Solder
Creepage distance	4.7 mm
High Voltage	7
Wire Size/AWG	30 - 22
Gender	Standard

## Form & Material

Shell style / Model id	EC - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear 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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	15.5 g

## 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

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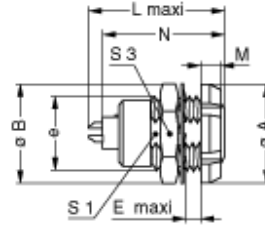
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## Cable fixation

Jacket cable outside diameter [mm]

2.00 - 13.60 mm

## Drawings



## Dimensions

	<b>B</b>	<b>A</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>S3</b>	<b>E</b>	<b>e</b>
mm.	19.2	20	26.7	3.5	24.6	13.5	17	6.5	M15x1.0
in.	0.76	0.79	1.05	0.14	0.97	0.53	0.67	0.26	

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