



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	10
Nb of contacts Coax	2
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 33.60 mm
Size	5B
Suggested matching part	<a href="#">FGG.5B.870.CLAD115</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/egg-5b-870-cll3.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-5b-870-cll3.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	10
Contact Termination Low voltage	Solder
Nb of contacts Coax	2
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Crimp
Insert configuration value	5B.870 - 2 Coax (75 Ohm), 10 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
OHM	75
Test voltage (kV DC)	2
Cable type	RG 179 B/U, RG 187 A/U
Gender	Standard

## Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	135.56 g

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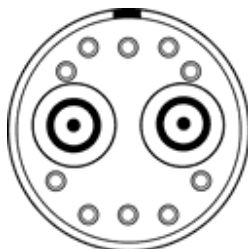
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
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]	4.00 - 33.60 mm
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## Drawings



## Dimensions

	<b>e</b>	<b>E</b>	<b>L</b>	<b>M</b>	<b>N</b>	<b>S1</b>	<b>B</b>	<b>A</b>
mm.	M35x1.0	11	43.5	3	39.6	33.5	40	40
in.		0.43	1.71	0.12	1.56	1.32	1.57	1.57

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# Recommended By Lemo

<b>Accessories</b>	
Compatible cap	<a href="#">BRE.5S.200.NAS</a>
<b>Tools</b>	
Die Tool	<a href="#">DPE.99.125.2K</a>
Extraction tool	<a href="#">DCC.91.COB.LAG</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.65.370.AZ</a>