

Special

*Image for illustrative purpose only*

Summary

[Request a quote](#)[Coax triax mixed en](#)

Number of contacts Low Voltage	17
Nb of contacts Coax	2
Wire Size/AWG	22 - 14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M35
Jacket cable outside diameter [mm]	4.00 - 33.60 mm
Size	5B
Suggested matching part	FGG.5B.877.CLAD175 FGG.5B.877.CLAD235
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-5b-877-cll5.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	17
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.877 - 2 Coax (75 Ohm), 17 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Impedance	75 Ohms
Test voltage (kV DC)	2
Cable type	RG 59 B/U
Contact Dia.	2
Wire Size/AWG	22 - 14
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	137.97 g
Panel Drill Hole	M35

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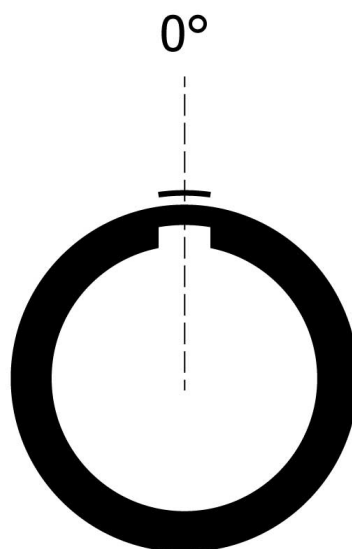
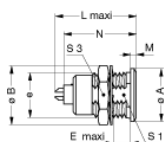
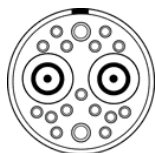
Environment

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.)
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
Cable fixation	
Jacket cable outside diameter [mm]	4.00 - 33.60 mm

Drawings

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Dimensions

	e	E	L	M	N	S1	B	A
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

Recommended By Lemo

Caps

Compatible cap	BRE.5S.200.NAS
Cap 2	BRE.5S.200.NAV

Tools

Die Tool	DPE.99.127.0K
Extraction tool	DCC.91.COB.LAG
Spanner wrench	Socket for torque wrench DCM.65.370.AZ

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