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Summary

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Number of contacts Low Voltage	17
Nb of contacts Coax	2
Wire Size/AWG	16 - 12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 33.60 mm
Size	5B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-5b-857-clm6.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	17
Contact Termination Low voltage	Crimp
Nb of contacts Coax	2
Contact Termination Coax - Conductor fixing	Solder
Contact Termination Coax - Screen fixing	Crimp
Insert configuration value	5B.857 - 2 Coax (50 Ohm), 17 Low V.
Insulator	L: PEEK (UL 94 / V-0/1.5)
Test voltage (kV DC)	2
Cable type	RG 58 C/U
Contact Dia.	2
Wire Size/AWG	16 - 12
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	238.48 g

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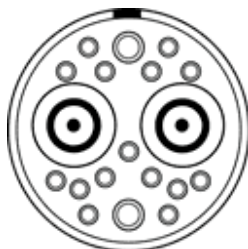
Environment

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

	L	E	e	B	A	M	S1	N
mm.	43.5	9	M35x1.0	40	41	5	33.5	39.6
in.	1.71	0.35		1.57	1.61	0.2	1.32	1.56

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Recommended By Lemo

Accessories

Replacement contact	EGG.5B.660.ZZM
Compatible cap	BRE.5S.200.NAS

Tools

Die Tool	DPE.99.176.2K
Positionner	DCE.91.205.BVCM
Positionner 2	DCE.91.095.BVM
Extraction tool	DCC.09.05B.LAG
Extraction tool 2	DCC.91.203.5LT
Crimp tool	DPC.91.701.V
Crimp Tool 2	DPC.91.101.A
Spanner wrench	Socket for torque wrench DCM.65.370.AZ

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