

Standard



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Summary

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Number of contacts Low Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	00
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	PCB - Straight
Insert configuration value	0.305 - 5 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.4 kV (DC)
Contact Dia.	0.35
Gender	Standard

Form & Material

Shell style / Model id	EC - Fixed receptacle with two nuts and straight contacts for printed circuit (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	3.24 g

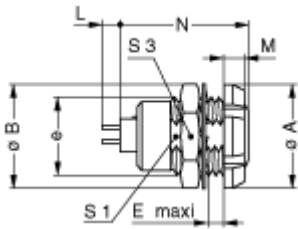
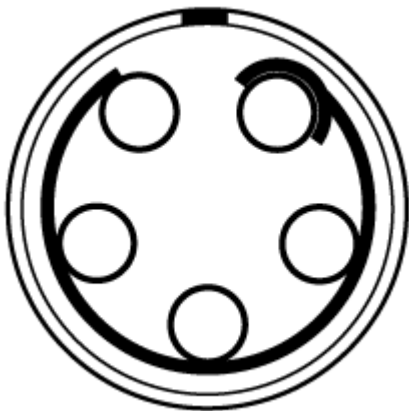
Environment

Environmental sealing (IP rating)	IP50
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

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecg-00-305-cln.html

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Drawings



Dimensions

	A	B	S3	M	N	S1	E	e	L
mm.	10	10.2	9	2.5	13.5	6.3	4.3	M7x0.5	16.65
in.	0.39	0.4	0.35	0.1	0.53	0.25	0.17		0.66

Recommended By Lemo

Accessories

Compatible cap [BRE.00.200.NAS](#)

Tools

Spanner 2 [DCM.65.088.AZ4](#)

Spanner wrench [Socket for torque wrench DCM.00.M07.4](#)

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download