

Standard

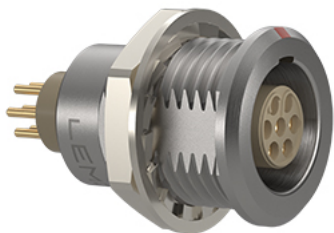


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Summary

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BKT series

Number of contacts Low Voltage	22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Size	3B
Suggested matching part	FGG.3B.322.CLAD11
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	22
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	3B.322 - 22 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5.5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.3 kV (DC)
Contact Dia.	0.7 mm (0.028in)
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	26.74 g

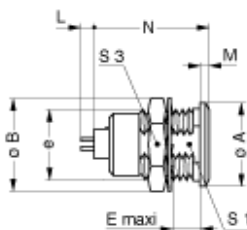
https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-3b-322-cln.html

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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

Drawings



Dimensions

	A	B	e	E	Lmax	M	N	S3	S1
mm.	22	25	M18x1.0	11.5	33.1	2	28.1	22	16.5
in.	0.87	0.98		0.45	1.3	0.08	1.11	0.87	0.65

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Recommended By Lemo

Accessories	
Compatible cap	BRE.3S.200.NAS
Tools	
Spanner	DCA.91.282.2TN

CAD

Documents	
PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download