

Standard

*Image for illustrative purpose only*

Summary

[Request a quote](#)[BKT series](#)

Number of contacts Low Voltage	6
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M14
Size	0K
Suggested matching part	FGG.0K.306.CLAC10
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-0k-306-cln.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	PCB - Straight
R (max)	8.7 mOhm
Insert configuration value	0K.306 - 6 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	B (Moderate Design Producibility - Standard)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Test voltage contact-contact	1.2 kV DC
Test voltage contact-shell	0.9 kV DC
Contact Dia.	0.5 mm (0.02in)
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with straight contacts for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	11.71 g
Panel Drill Hole	M14

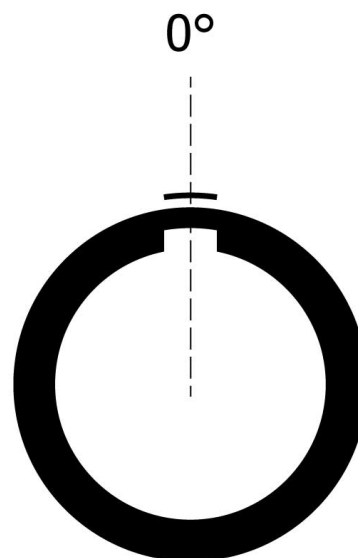
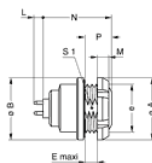
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Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 dB (1 GHz)
Shock Resistance	100 g [6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

Drawings



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Dimensions

	A	B	e	E	M	N	P	S1
mm.	18	18	M14x1.0	3.4	3.5	17.6	7	12.5
in.	0.71	0.71		0.13	0.14	0.69	0.28	0.49

Recommended By Lemo

Caps

Compatible cap	BRE.0K.200.NAS
Cap 2	BRE.0K.200.NAV

Tools

Spanner 2	DCM.65.159.AZ4
Spanner wrench	Socket for torque wrench DCM.0E.M14.4

CAD

Documents

PCB Eagle	Download
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