

Standard



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Summary

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BKT series

Number of contacts Low Voltage	3
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M20
Size	2K
Suggested matching part	FGG.2K.303.CLAC40
Series	K - Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/k-outdoor-keyed/eeg-2k-303-clv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	PCB - Elbow
R (max) - electrical contact resistance	3.5 mOhm
Insert configuration value	2K.303 - 3 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)
Test voltage contact-contact	3.5 kV DC
Test voltage contact-shell	2.6 kV DC
Contact Dia.	1.6 mm (0.063 in)
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, with elbow 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	34.41 g
Panel Drill Hole	M20

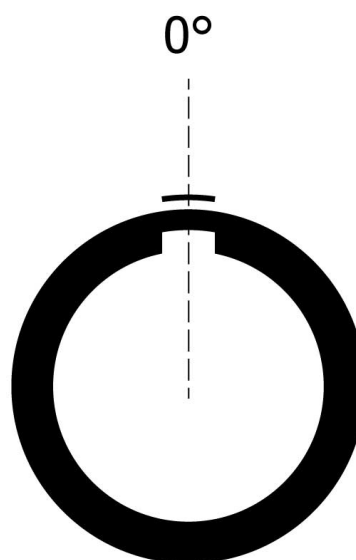
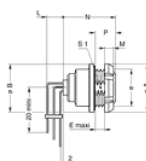
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Environment

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	e	E	M	N	P	S1	B
mm.	25	M20x1.0	5	3.5	26.6	10	18.5	25
in.	0.98		0.2	0.14	1.05	0.39	0.73	0.98

Recommended By Lemo

Caps

Compatible cap	BRE.2K.200.NAS
Cap 2	BRE.2K.200.CAS

Tools

Spanner 2	DCM.65.225.AZ6
Spanner wrench	Socket for torque wrench DCM.2E.M20.6