

Standard



Image for illustrative purpose only

Summary

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BKT series

Number of contacts Low Voltage	7
Gender	Standard
Locking system	Push-pull
Panel Drill Hole	M14
Size	1B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/rgg-1b-307-clm.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Insert configuration value	1B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage contact-contact	2 kV DC
Test voltage contact-shell	2 kV DC
Contact retention	22 N
Contact Dia.	0.7 mm (0.028 in)
Gender	Standard

Form & Material

Shell style / Model id	RG - Fixed coupler, nut fixing, key (G) at the flange end and keys (G,J or M) at the other end
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	Front side: 1 key (alpha=0, female) , Other side: 1 key (alpha=0, female)
Colour	Grey
Weight	32.75 g
Panel Drill Hole	M14

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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

Dimensions

	A	B	e	E	Lmax	M	S1	S3
mm.	16	19.5	M14x1.00	8.5	47	2.5	12.5	17
in.	0.63	0.77		0.33	1.85	0.1	0.49	0.67

Recommended By Lemo

Caps

Compatible cap	BRE.1S.200.NAS
Cap 2	BRE.1S.200.NAV

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