

[Standard](#)

Image for illustrative purpose only

Summary

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BKT series

Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Panel Drill Hole	M15
Size	2B
Suggested matching part	PHG.2B.319.CLLD52Z
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-2b-319-cla.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	19
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	2B.319 - 19 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Test voltage contact-contact	1.4 kV DC
Test voltage contact-shell	1.8 kV DC
Max. Conductor	0.34 mm ² (AWG 22)
Max. Stranded Conductor	0.34 mm ² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	FA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	19.17 g
Panel Drill Hole	M15

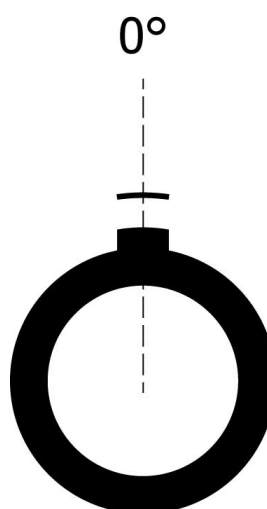
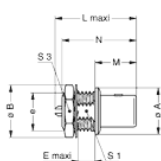
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Environment

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



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Dimensions

	S3	A	B	e	E	L	M	N	S1
mm.	17	18	19.5	M15x1.0	6.0	28.7	13.8	23.9	13.5
in.	0.67	0.71	0.77		0.24	1.13	0.54	0.94	0.53

Recommended By Lemo

Tools

Spanner	DCA.91.231.7TN
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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.19.T22.079QGZE	TPR (medical)	Grey	