

Standard



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Summary

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BKT series

Number of contacts Low Voltage	19
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	1.00 - 12.60 mm
Size	2T
Suggested matching part	FGG.2T.319.CLAC50
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/heg-2t-319-clip.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	T.319 - 19 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1.8 kV (DC)
Max. Solid 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	HE - Fixed socket, nut fixing, watertight or vacuumtight, back panel mounting
Socket / Receptacle	Fixed Panel Rear 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
Variant	Watertight unmated (connector to device)
Weight	18.3 g

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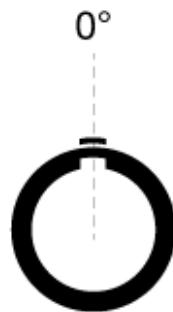
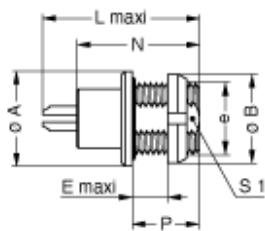
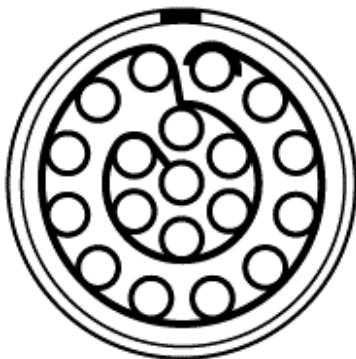
Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 mating cycles
Temperature range	-20°C / +80°C
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Resistance to vibration	15 g [10 Hz - 2000 Hz]
Shock Resistance	100 g [6 ms]
Salt Spray Corrosion	>1000 hr

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 12.60 mm
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Drawings



Dimensions

	A	e	E	L	N	B	P	S1
mm.	18.5	M15x1.0	7.5	30.5	25	20	11	13.5
in.	0.73		0.3	1.2	0.98	0.79	0.43	0.53

Recommended By Lemo

Accessories

Compatible cap	BRE.2T.200.CAZ
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Tools

Spanner 2	DCM.65.176.AZ6
Spanner wrench	Socket for torque wrench DCM.2S.M15.6

Cables

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

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