

Special



*Image for illustrative purpose only*

## Summary

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**BKT series**

Number of contacts Low Voltage	14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Size	1T
Suggested matching part	<a href="#">FGG.1T.314.KLAC40</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-outdoor-keyed/heg-1t-314-klnp.html](https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/heg-1t-314-klnp.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	PCB - Straight
R (max)	8.7 mOhm
Insert configuration value	T.314 - 14 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.7 kV (DC)
Contact Dia.	0.5 mm (0.02in)
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 (black chrome) 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	Black
Variant	Watertight unmated (connector to device)
Weight	20.38 g
Panel Drill Hole	M12

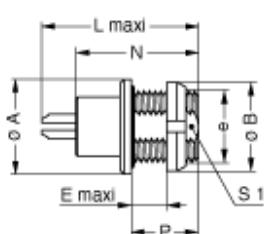
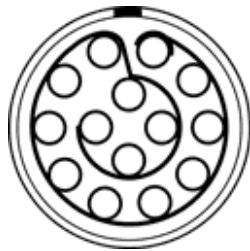
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## Environment

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]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>A</b>	<b>e</b>	<b>E</b>	<b>L</b>	<b>N</b>	<b>B</b>	<b>P</b>	<b>S1</b>
mm.	15.5	M12x1.0	6.5	26	21.5	16	10	10.5
in.	0.61		0.26	1.02	0.85	0.63	0.39	0.41

## Recommended By Lemo

### Accessories

Compatible cap	<a href="#">BRE.1T.200.KAZ</a>
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### Tools

Spanner 2	<a href="#">DCM.65.141.AZ4</a>
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Spanner wrench	<a href="#">Socket for torque wrench DCM.1S.M12.4</a>
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# CAD

## Documents

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PCB	<a href="#">Download</a>
PCB Eagle	<a href="#">Download</a>
Kicad	<a href="#">Download</a>
PCB Altium	<a href="#">Download</a>

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