

Standard



*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	M15
Size	2T
Suggested matching part	<a href="#">FGA.2T.314.CLAC40Z</a>
Series	T - Small Outdoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/t-small-outdoor-keyed/eea-2t-314-clv.html](https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/eea-2t-314-clv.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	PCB - Elbow
R (max)	6.1 mOhm
Insert configuration value	T.314 - 14 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)
Vtest (contact-contact)	1.7 kV (DC)
Vtest (contact-shell)	2 kV (DC)
Contact Dia.	0.7 mm (0.028in)
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 and collet nut, nickel plated [SAE AMS QQ N 290] brass latch sleeve and mid pieces
Locking system	Push-pull
Keying	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	15.76 g
Panel Drill Hole	M15

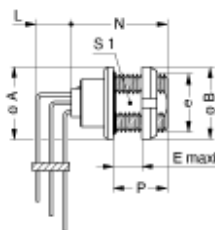
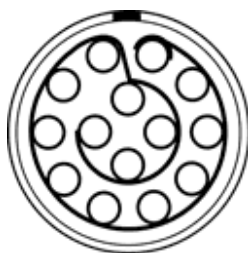
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## Environment

Technical domain	Energy and Industrial, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	>3000 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]
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Drawings



## Dimensions

	<b>A</b>	<b>B</b>	<b>e</b>	<b>E</b>	<b>Lmax</b>	<b>N</b>	<b>S1</b>	<b>P</b>
mm.	18.5	20	M15x1.0	7.5	39.24	21.5	13.5	11
in.	0.73	0.79		0.3	1.54	0.85	0.53	0.43

## Recommended By Lemo

### Accessories

Compatible cap [BRE.2T.200.CAZ](#)

### Tools

Spanner 2 [DCM.65.176.AZ6](#)

Spanner wrench [Socket for torque wrench DCM.2S.M15.6](#)

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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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