

Standard



Image for illustrative purpose only

Summary

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BKT series

Number of contacts Low Voltage	12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M15
Size	2T
Suggested matching part	FGA.2T.312.CLAC60
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-small-outdoor-keyed/eea-2t-312-clv.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	PCB - Elbow
R (max)	6.1 mOhm
Insert configuration value	2T.312 - 12 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)	1.8 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	15.28 g
Panel Drill Hole	M15

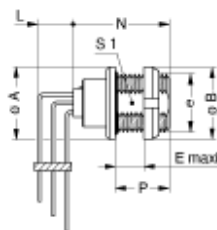
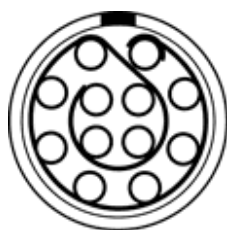
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Environment

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

	A	B	e	E	Lmax	N	S1	P
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

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download

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