

Special

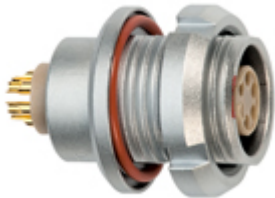


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Summary

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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
Size	0T
Suggested matching part	FGA.0T.312.KLAC40
Series	T - Small Outdoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	12
Contact Termination Low voltage	PCB - Straight
R (max)	8.7 mOhm
Insert configuration value	0T.312 - 12 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.7 A
Vtest (contact-contact)	1.1 kV (DC)
Vtest (contact-shell)	1.5 kV (DC)
Contact Dia.	0.35 mm (0.01in)
Gender	Standard

Form & Material

Shell style / Model id	EE - Fixed receptacle, nut fixing, 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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	4.95 g

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

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/eea-0t-312-kl-n.html

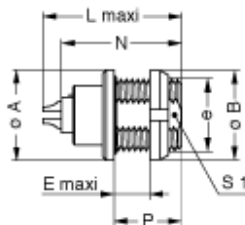
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Cable fixation

Panel Drill Hole

M9

Drawings



Dimensions

	A	B	e	E	Lmax	Nmax	S1	P
mm.	12	12	M9x0.6	6.5	21	19.1	8.2	9
in.	0.47	0.47		0.26	0.83	0.75	0.32	0.35

Recommended By Lemo

Accessories

Compatible cap [BRE.0T.200.KAZ](#)

Tools

Spanner 2 [DCM.65.106.AZ4](#)

Spanner wrench [Socket for torque wrench DCM.0S.M09.4](#)

CAD

Documents

PCB [Download](#)

PCB Eagle [Download](#)

Kicad [Download](#)

PCB Altium [Download](#)

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