

Special



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Summary

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BKT series

Number of contacts Low Voltage	6
Wire Size/AWG	36 - 28
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M7
Jacket cable outside diameter [mm]	1.00 - 6.40 mm
Size	TT
Series	T - Small Outdoor keyed

https://www.lemo.com/int_en/solutions/originals/t-outdoor-keyed/egg-tt-306-cll.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	TT.306 - 6 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.5 A
Vtest (contact-contact)	0.6 kV (DC)
Vtest (contact-shell)	0.8 kV (DC)
Max. Solid Conductor	0.09 mm ² (AWG 28)
Max. Stranded Conductor	0.05 mm ² (AWG 30)
Bucket Dia.	0.4 mm (0.016in)
Contact Dia.	0.35 mm (0.01in)
Wire Size/AWG	36 - 28
Gender	Standard

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front 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
Weight	2.52 g
Panel Drill Hole	M7

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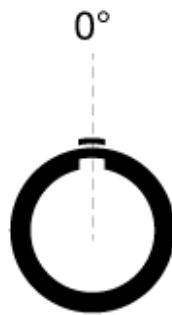
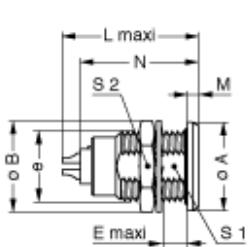
Environment

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

Cable fixation

Jacket cable outside diameter [mm]	1.00 - 6.40 mm
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Drawings



Dimensions

	A	B	e	E	L	M	N	S1	S2
mm.	10	10.2	M7x0.5	5.5	16	1.2	13.5	6.3	9
in.	0.39	0.4		0.22	0.63	0.05	0.53	0.25	0.35

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Recommended By Lemo

Accessories

Compatible cap	BRE.TT.200.CAZ
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Tools

Spanner	DCA.91.149.0TN
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