

Special



*Image for illustrative purpose only*

## Summary

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BKT series

Number of contacts Low Voltage	7
Wire Size/AWG	16 - 12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	13.60 - 15.00 mm
Size	4B
Suggested matching part	<a href="#">FGG.4B.307.CYCD15</a>
Series	B - Indoor keyed

[https://www.lemo.com/int\\_en/solutions/originals/b-indoor-keyed/peg-4b-307-cymd15.html](https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/peg-4b-307-cymd15.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Crimp
R (max)	3.3 mOhm
Insert configuration value	4B.307 - 7 Low Voltage
Footprint IPC Class3 compatibility	No
Insulator	Y: PEEK for crimp contacts
Rated current	16 A
Vtest (contact-contact)	2.1 kV (DC)
Vtest (contact-shell)	2 kV (DC)
Contact retention	65 N
Max. Conductor	2.5 mm <sup>2</sup> (AWG 12)
Min. Conductor	1.5 mm <sup>2</sup> (AWG 16)
Bucket Dia.	2.4 mm (0.094in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	16 - 12
Gender	Standard

## Form & Material

Shell style / Model id	PE - Fixed receptacle, nut fixing, cable collet (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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	159.37 g

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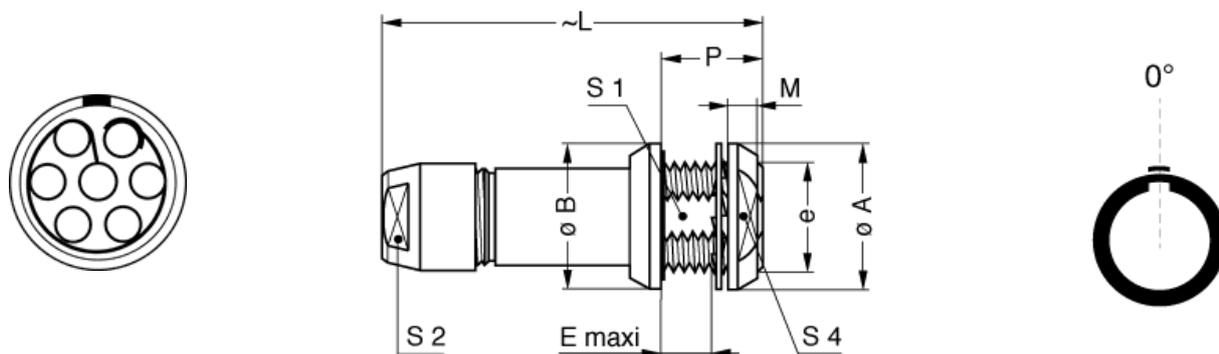
## Environment

Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	75 dB (10 MHz)
Shielding (min)	40 dB (1 GHz)
Shock Resistance	100 g [ 6 ms]
Vibration	15 g [10 Hz - 2000 Hz]
Salt Spray Corrosion	>1000 hr

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	13.60 - 15.00 mm

## Drawings



## Dimensions

	S4	P	B	e	E	L	A	S1	S2	M
mm.	27	20	34	M25x1.0	12.5	73	32	23.5	20	5
in.	1.06	0.79	1.34		0.49	2.87	1.26	0.93	0.79	0.2

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# Recommended By Lemo

## Accessories

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Replacement contact [EGG.4B.675.ZZM](#)

## Tools

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Spanner 2 [DCM.65.270.AZ](#)

Positionner [DCE.91.204.BVCM](#)

Extraction tool [DCC.20.25B.LAG](#)

Crimp tool [DPC.91.101.A](#)

Spanner wrench [DCM.65.270.AZ](#)

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