

Special



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Summary

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BKT series

Number of contacts Low Voltage	3
Wire Size/AWG	18 - 14
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M15
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pfk-2b-303-cycd72.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
R (max)	3.5 mOhm
Insert configuration value	2B.303 - 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	17 A
Vtest (contact-contact)	2.7 kV (DC)
Vtest (contact-shell)	2.7 kV (DC)
Contact retention	50 N
Max. Conductor	1.5 mm ² (AWG 14)
Min. Conductor	1 mm ² (AWG 18)
Bucket Dia.	1.9 mm (0.075in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	18 - 14
Gender	Reverse Gender

Form & Material

Shell style / Model id	PF - Fixed receptacle, with two nuts, 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	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Panel Drill Hole	M15

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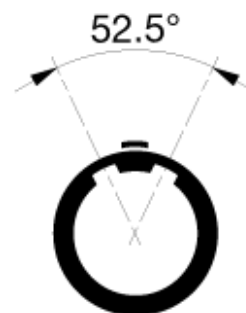
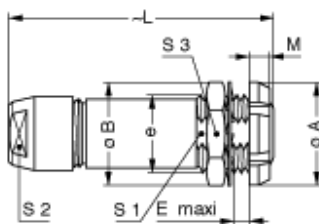
Environment

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]	6.30 - 7.20 mm

Drawings



Dimensions

	A	B	e	E	L	M	S1	S2	S3
mm.	20	20	M15x1.0	6.5	47	3.5	13.5	12	17
in.	0.79	0.79		0.26	1.85	0.14	0.53	0.47	0.67

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Recommended By Lemo

Accessories

Replacement contact [FGG.2B.570.ZZC](#)

Compatible cap [BRA.2B.200.PCSG](#)

Tools

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

Positionner [DCE.91.162.BVCM](#)

Extraction tool [DCC.16.25B.LAG](#)

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

Spanner wrench [Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6](#)

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