

Special



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Summary

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BKT series

Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M15
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Suggested matching part	FGG.2B.304.CYCD62
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-304-cymd62.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	2B.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	15 A
Test voltage contact-contact	3.2 kV DC
Test voltage contact-shell	3.2 kV DC
Contact retention	40 N
Max. Conductor	1 mm ² (AWG 18)
Min. Conductor	0.5 mm ² (AWG 20)
Bucket Dia.	1.4 mm (0.055 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	20 - 18
Gender	Standard

Form & Material

Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet
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	30.57 g
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

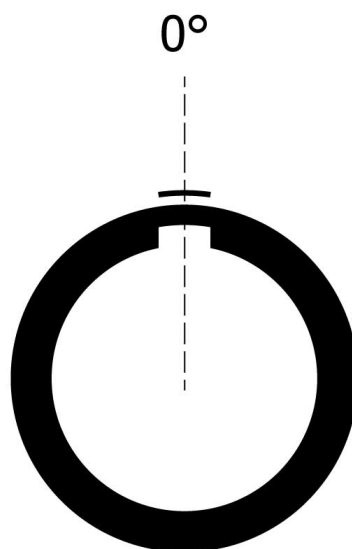
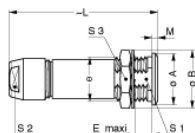
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings

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Dimensions

	L	M	S1	S2	S3	E	A	B	e
mm.	47	1.8	13.5	12	17	8.5	18	19.2	M15x1.0
in.	1.85	0.07	0.53	0.47	0.67	0.33	0.71	0.76	

Recommended By Lemo

Contacts

Replacement contact [EGG.2B.665.ZZM](#)

Caps

Compatible cap [BRE.2S.200.NAS](#)

Cap 2 [BRE.2S.200.NAV](#)

Plastic Cap [BRA.2B.200.PCSG](#)

Cap BRR [BRR.2S.200.PZVG](#)

Soft Cap [BEZ.2B.200.SCN](#)

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Tools

Positionner	DCE.91.132.BVM
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.2B.ZZZ.PA120

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	
CMN.04.T20.053PNZE			
CMN.04.T20.053QGZE	TPR (medical)	Grey	
240500	PVC	Grey	
4220	PVC	Black	

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