

Special

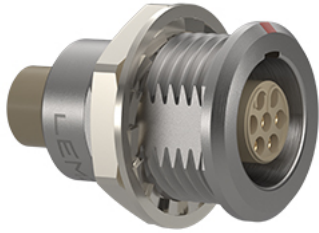


Image for illustrative purpose only

Summary

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BKT series

Number of contacts Low Voltage	20
Wire Size/AWG	24 - 20
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M25
Jacket cable outside diameter [mm]	4.00 - 23.60 mm
Size	4B
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egk-4b-320-cyc.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	20
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	4B.320 - 20 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	8 A
Vtest (contact-contact)	2.7 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm ² (AWG 20)
Min. Conductor	0.25 mm ² (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
Gender	Reverse Gender

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	2 keys (alpha=52.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Weight	65.17 g
Panel Drill Hole	M25

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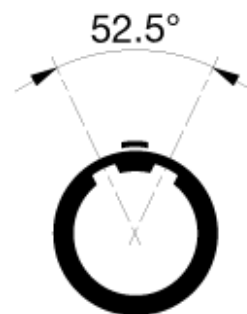
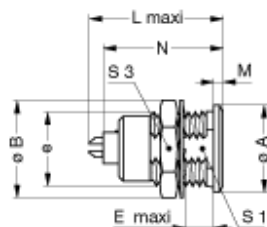
Environment

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

Jacket cable outside diameter [mm]	4.00 - 23.60 mm
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Drawings



Dimensions

	A	B	e	E	L	S1	S3	N	M
mm.	28	34	M25x1.0	12	35.7	23.5	30	34.1	2.5
in.	1.1	1.34		0.47	1.41	0.93	1.18	1.34	0.1

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Recommended By Lemo

Accessories

Replacement contact [FGG.4B.560.ZZC](#)

Compatible cap [BRE.4S.200.NAS](#)

Tools

Positionner [DCE.91.094.BVC](#)

Extraction tool [DCC.09.05B.LAG](#)




Crimp tool [DPC.91.701.V](#)

CAD

Documents

Eplan [Download](#)

Cables

Cable PartNumber	Material	Colour	Cable image
420250	PVC	Grey	
420500	PVC	Grey	
520750	PVC	Grey	

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