PKG.1B.302.CLLD52

Special



Image for illustrative purpose only

Summary

Request a quote

BKT series

Number of contacts Low Voltage	2
Wire Size/AWG	28 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	1B
Suggested matching part	FGG.1B.302.CLAD52
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-1b-302-clld52.html
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Technical details

Electrical Configuration	
Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	3.6 mOhm
Insert configuration value	1B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Test voltage contact-contact	2.1 kV DC
Test voltage contact-shell	2 kV DC
Max. Solid Conductor	0.5 mm² (AWG 20)
Max. Stranded Conductor	0.5 mm² (AWG 20)
Bucket Dia.	1 mm (0.039 in)
Contact Dia.	1.3 mm (0.051 in)
Wire Size/AWG	28 - 20
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	16.96 g
Panel Drill Hole	M12

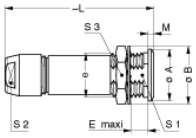
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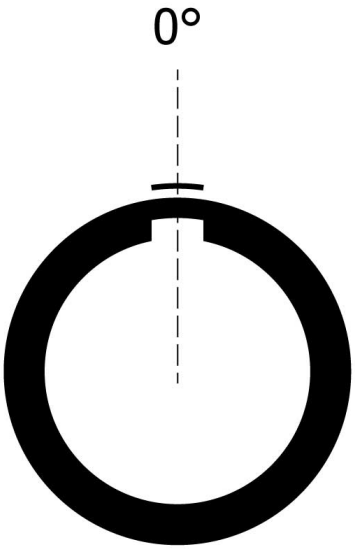
Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°C (max. temperature valid for short 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]	4.30 - 5.20 mm

Drawings

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Dimensions

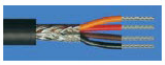
	B	e	E	L	M	A	S3	S1	S2
mm.	15.8	M12x1.0	7.5	40.5	1.5	14	14	10.5	9
in.	0.62		0.3	1.59	0.06	0.55	0.55	0.41	0.35

Recommended By Lemo

Caps	
Compatible cap	BRE.1S.200.NAS
Cap 2	BRE.1S.200.NAV
Plastic Cap	BRA.1B.200.PCSG
Cap BRR	BRR.1B.200.BSG
Soft Cap	BEZ.1B.200.SCN

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T20.047PGZE		grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
120240	PVC	Black	
120250	PVC	Grey	
120501	PVC	Grey	
2221	PVC	Black	
4082	PVC	Grey	

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