

Special



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Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	6
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Panel Drill Hole	M12
Jacket cable outside diameter [mm]	3.10 - 6.20 mm
Size	1B
Suggested matching part	FHG.1B.306.CYZZ
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	6
Insert configuration value	1B.306 - 6 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	7 A
Contact Dia.	0.7
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

Shell style / Model id	PF - Fixed receptacle, with two nuts, cable collet (back panel mounting), (delivered without contacts and cable collet)
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
Variant	Special part (contact LEMO for details)
Weight	15.7 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

Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.10 - 6.20 mm

Recommended By Lemo

Caps

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

Tools

Spanner 2	DCM.65.141.AZ4
Spanner wrench	Socket for torque wrench DCM.1S.M12.4