

Special



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Summary

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[BKT series](#)

[Customer Drawing](#)

Number of contacts Low Voltage	4
Wire Size/AWG	22 - 14
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.90 - 11.00 mm
Size	3B
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Insert configuration value	3B.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	19 A
Contact Dia.	2
Wire Size/AWG	22 - 14
Gender	Reverse Gender

Form & Material

Shell style / Model id	FG - Straight plug, cable collet (delivered without contacts and cable collet)
Plug	Straight
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=37.5, plug: female contacts, receptacle: male contacts)
Colour	Grey
Variant	Special part (contact LEMO for details)
Weight	40.57 g

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

https://www.lemo.com/int_en/catalog/product/view/id/615987/s/fgj-3b-304-cyzz/category/23/

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Cable fixation

Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.90 - 11.00 mm