FGG.0B.305.CLAD52

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

See video assembly instructions

Customer Drawing

Number of contacts Low Voltage	5
Wire Size/AWG	30 - 22
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	0B

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-305-clad52.html
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Suggested matching part	EGG.0B.305.CLL PHG.0B.305.CLLD52
Series	B - Indoor keyed

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	5
Contact Termination Low voltage	Solder
R (max)	6.1 mOhm
Insert configuration value	0B.305 - 5 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5 A
Vtest (contact-contact)	1.4 kV (DC)
Vtest (contact-shell)	1 kV (DC)
Max. Conductor	0.34 mm² (AWG 22)
Max. Stranded Conductor	0.34 mm² (AWG 22)
Bucket Dia.	0.8 mm (0.031in)
Contact Dia.	0.7 mm (0.028in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material	
Shell style / Model id	FG - Straight plug, 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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	8.36 g

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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

Recommended By Lemo

Caps	
Compatible cap	BFG.0B.100.PCZG
Plastic Cap	BFG.0B.100.PCZG
Soft Cap	BFZ.0B.100.SCN
Tools	
Spanner	DCP.91.001.TN
Spanner wrench	DCD.0B.ZZZ.PA070

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
50090	PVC	Black	
50140	PVC	Grey	

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