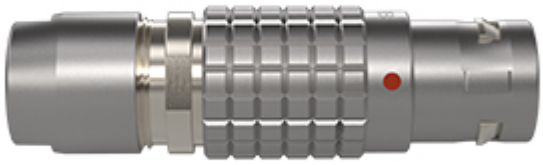
FGG.0B.307.CLAD52



Summary

Request a quote

Catalog

See video assembly instructions

Number of contacts Low Voltage	7
Wire Size/AWG	34 - 28
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	0B
Matching parts	EGG.0B.307.CLL
Series	B - Indoor keyed

Technical details

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fgg-0b-307-clad52.html
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Electrical Configuration

Contact Termination Low voltage	Solder
R (max)	8.7 mOhm
Insert configuration value	0B.307 - 7 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2.5 Amps
Vtest (contact-contact)	800 V (AC), 1130 V (DC)
Vtest (contact-shell)	700 V (AC), 990 V (DC)
Contact Type	Solder
Max. Solid Conductor	0.09 mm^2 (AWG 28)
Max. Stranded Conductor	0.09 mm^2 (AWG 28)
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.02in)
Number of contacts Low Voltage	7
Wire Size/AWG	34 - 28
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	1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	8.43 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
Climatical Category	50/175/21
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

Accessories	
Compatible cap	BFG.0B.100.PCSG
Tools	
Spanner	DCP.91.001.TN
Spanner wrench	DCD.0B.ZZZ.PA070

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			

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