FGG.2B.304.CLAD42

Image for illustrative purpose only

Summary

Request a quote

Catalog

See video assembly instructions

Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.30 - 4.20 mm
Size	2B
Suggested matching part	EGG.2B.304.CLL
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max)	3.6 mOhm
Insert configuration value	2B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	15 A
Vtest (contact-contact)	2.6 kV (DC)
Vtest (contact-shell)	2.6 kV (DC)
Max. Solid Conductor	0.5 mm^2 (AWG 20)
Max. Stranded Conductor	0.5 mm^2 (AWG 20)
Bucket Dia.	1 mm (0.039in)
Contact Dia.	1.3 mm (0.051in)
Wire Size/AWG	28 - 20
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	29.16 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
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]	3.30 - 4.20 mm

Recommended By Lemo

Accessories

Compatible cap	BFG.2B.100.PCSG

Tools

Spanner	DCP.91.023.TN
Spanner wrench	DCD.2B.ZZZ.PA120

Cables

Cable PartNumber	Material	Colour	Cable image
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	
40240	PTFE	White	
4260	PTFE	White	