FGG.2B.302.CLAD92

Standard

Image for illustrative purpose only

Summary

Request a quote

See video assembly instructions

Customer Drawing

Number of contacts Low Voltage	2
Wire Size/AWG	22 - 14
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.30 - 9.20 mm
Size	2B
Suggested matching part	EGG.2B.302.CLL PHG.2B.302.CLLD92
Series	B - Indoor keyed

Technical details

Electrical Configuration	
Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	2B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20.5 A
Vtest (contact-contact)	3 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Max. Solid Conductor	1.5 mm² (AWG 14)
Max. Stranded Conductor	1.5 mm² (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	22 - 14
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	27.75 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
Cable fixation	
Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.30 - 9.20 mm

Recommended By Lemo

Accessories	
Compatible cap	BFG.2B.100.PCSG
Tools	
Spanner	DCP.91.023.TN
Spanner wrench	DCD.2B.ZZZ.PA120

CAD

Documents	
Eplan	Download