FGA.0B.302.CYCD52

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

See video assembly instructions

Customer Drawing

Number of contacts Low Voltage	2
Wire Size/AWG	24 - 20
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.20 mm
Size	0B

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Suggested matching part	EGA.0B.302.CYM PHA.0B.302.CYMD52
Series	B - Indoor keyed

Technical details

Electrical Configuration	
Number of contacts Low Voltage	2
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	0B.302 - 2 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	10 A
Test voltage contact-contact	2 kV DC
Test voltage contact-shell	1.7 kV DC
Contact retention	30 N
Max. Conductor	0.5 mm² (AWG 20)
Min. Conductor	0.25 mm² (AWG 24)
Bucket Dia.	1.1 mm (0.043 in)
Contact Dia.	0.9 mm (0.035 in)
Wire Size/AWG	24 - 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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	9.32 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

Contacts	
Replacement contact	FGG.0B.560.ZZC
Caps	
Soft Cap	BFZ.0B.100.SCN
Tools	
Spanner	DCP.91.001.TN
Positionner	DCE.91.090.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	DCD.0B.ZZZ.PA070

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T20.047PGZE		grey	
CMN.02.T20.047PNZE			
CMN.02.T20.048QGZE	TPR (medical)	Grey	
120240	PVC	Black	
120250	PVC	Grey	
120501	PVC	Grey	
2221	PVC	Black	
4082	PVC	Grey	

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