FGG.2K.303.CYCC85Z

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

Customer Drawing

Number of contacts Low Voltage	3
Wire Size/AWG	18 - 14
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	8.10 - 8.50 mm
Size	2K
Suggested matching part	EGG.2K.303.CYM
Series	K - Outdoor keyed

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Technical details

Electrical Configuration	
Number of contacts Low Voltage	3
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	3.5 mOhm
Insert configuration value	2K.303 - 3 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	17 A
Test voltage contact-contact	2.7 kV DC
Test voltage contact-shell	2.7 kV DC
Contact retention	50 N
Max. Conductor	1.5 mm² (AWG 14)
Min. Conductor	1 mm² (AWG 18)
Bucket Dia.	1.9 mm (0.075 in)
Contact Dia.	1.6 mm (0.063 in)
Wire Size/AWG	18 - 14
Gender	Standard

Form & Material	
Shell style / Model id	FG - Straight plug, cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	Brass (chrome plated [SAE AMS 2460]) shell, collet nut and latch sleeve, nickel plated [SAE AMS QQ N 290] brass mid pieces
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Variant	Nut for fitting a bend relief
Weight	39.72 g

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Environment	
Technical domain	Audio Video, Energy and Industrial, Medical, Test and Measurement
Environmental sealing (IP rating)	IP68
Endurance	5000 mating cycles
Temperature range	-55°C / +200°C (max. temperature valid for short periods of use.)
Climatic Category	50/175/21
Humidity (max)	<=95% [at 60 deg C /140 F]
Shielding (min)	95 dB (10 MHz)
Shielding (min)	80 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	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	8.10 - 8.50 mm

Recommended By Lemo

Contacts	
Replacement contact	FGG.2B.570.ZZC
Caps	
Compatible cap	BFG.2K.100.NAS
Cap 2	BFG.2K.100.CAS

Bend Reliefs		
GMA.2B.080.DG	GMA.2B.080.DA	GMA.2B.080.DB
GMA.2B.080.DJ	GMA.2B.080.DM	GMA.2B.080.DN
GMA.2B.080.DR	GMA.2B.080.DS	GMA.2B.080.DV

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Tools	
Positionner	DCE.91.162.BVCM
Extraction tool	DCC.16.25B.LAG
Crimp tool	DPC.91.101.A
Spanner wrench	DCD.2E.ZZZ.PA120

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