EGG.0B.305.CYM

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

Customer Drawing

Number of contacts Low Voltage	5
Wire Size/AWG	26 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Panel Drill Hole	M9
Jacket cable outside diameter [mm]	1.00 - 8.30 mm
Size	0B

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/egg-0b-305-cym.html
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Suggested matching part	FGG.0B.305.CYCD52Z FSG.0B.305.CYCD42
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	5
Contact Termination Low voltage	Crimp
R (max) - electrical contact resistance	6.1 mOhm
Insert configuration value	0B.305 - 5 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	5 A
Test voltage contact-contact	1.8 kV DC
Test voltage contact-shell	1.7 kV DC
Contact retention	22 N
Max. Conductor	0.34 mm² (AWG 22)
Min. Conductor	0.14 mm² (AWG 26)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Wire Size/AWG	26 - 22
Gender	Standard

Form & Material

Shell style / Model id	EG - Fixed receptacle, nut fixing
Socket / Receptacle	Fixed Panel Front Mounted
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	5.69 g
Panel Drill Hole	M9

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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	
Jacket cable outside diameter [mm]	1.00 - 8.30 mm

Recommended By Lemo

Contacts	
Replacement contact	EGG.0B.655.ZZM
Caps	
Compatible cap	BRE.0S.200.NAS
Cap 2	BRE.0S.200.NPSN
Plastic Cap	BRA.0B.200.PCSG
Cap BRR	BRR.0B.200.BSG
Soft Cap	BEZ.0B.200.SCN
Tools	
Spanner	DCA.91.161.1TN
Positionner	DCE.91.070.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V

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Cables

Cable PartNumber	Material	Colour	Cable image
CMN.05.T22.051QGZE	TPR (medical)	Grey	
CMN.05.T28.029PGCE	PVC	GREY	
CMN.05.T28.029PGZE		grey	
CMN.05.T28.029PNCE	PVC	Black	
CMN.05.T28.029PNZE			
150250	PVC	Grey	
50090	PVC	Black	
50140	PVC	Grey	
5050	PVC	Black	

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