EGJ.2B.308.CYB





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	0
Number of contacts Low Voltage	8
Wire Size/AWG	26 - 22
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGJ.2B.308.CYPD82
Series	B - Indoor keyed

Technical details

Electrical Configuration

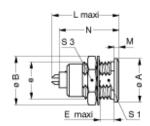
Number of contacts Low Voltage	8		
Contact Termination Low voltage	Crimp		
R (max)	4.8 mOhm		
Insert configuration value	2B.308 - 8 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	10 A		
Vtest (contact-contact)	2.8 kV (DC)		
Vtest (contact-shell)	2.8 kV (DC)		
Contact retention	30 N		
Max. Conductor	0.34 mm^2 (AWG 22)		
Min. Conductor	0.14 mm^2 (AWG 26)		
Bucket Dia.	0.8 mm (0.031in)		
Contact Dia.	0.9 mm (0.035in)		
Wire Size/AWG	26 - 22		
Gender	Reverse Gender		
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	2 keys (alpha=37.5, plug: female contacts, receptacle: male contacts)		
Colour	Grey		
Weight	14.03 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.)		
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			
Jacket cable outside diameter [mm]	2.00 - 13.60 mm		

Drawings







Dimensions

	A	В	е	E	L	M	N	S3	S1	
mm.	18	19.5	M15x1.0	8.5	26.7	1.8	24.6	17	13.5	
in.	0.71	0.77		0.33	1.05	0.07	0.97	0.67	0.53	

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.561.ZZC
Compatible cap	BRE.2S.200.NAS
Tools	
Positionner	DCE.91.092.BVC
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.08.T22.059QGC	TPR	Grey	
CMN.08.T22.059QGZE	TPR (medical)	Grey	
CMN.08.T26.042QGZE	TPR (medical)	Grey	
108220	PVC	Black	
108240	PTFE	White	
108260	PTFE	White	
16080	PVC	Grey	
180240	PVC	Black	
180260	PVC	Black	
280250	PVC	Grey	
335990	PVC	Black	
335991	PVC	Black	
42265	PVC	Yellow	
80140	PVC	Grey	
8050	PVC	Black	
8280	PVC	Black	
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