EGJ.2B.304.CYC





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
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.304.CYMD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

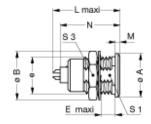
Number of contacts Low Voltage	4	
Contact Termination Low voltage	Crimp	
R (max)	3.6 mOhm	
Insert configuration value	2B.304 - 4 Low Voltage	
Insulator	Y: PEEK for crimp contacts	
Rated current	15 A	
Vtest (contact-contact)	3.2 kV (DC)	
Vtest (contact-shell)	3.2 kV (DC)	
Contact retention	40 N	
Max. Conductor	1 mm^2 (AWG 18)	
Min. Conductor	0.5 mm^2 (AWG 20)	
Bucket Dia.	1.4 mm (0.055in)	
Contact Dia.	1.3 mm (0.051in)	
Wire Size/AWG	20 - 18	
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	13.38 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		
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	S 3	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.565.ZZC
Compatible cap	BRE.2S.200.NAS
Tools	
Positionner	DCE.91.132.BVC
Extraction tool	DCC.13.15B.LAG
Crimp tool	DPC.91.701.V

Cables

CMN.04.T20.053PRZE grey CMN.04.T20.053PNZE FPR (medical) CMN.04.T22.047QGC TPR (medical) CMN.04.T22.048QGZE TPR (medical) CMN.04.T28.031PGCE PVC CMN.04.T28.031PGCE PVC CMN.04.T28.031PMZE Grey CMN.04.T28.031PMZE FPR CMN.04.T28.031PMZE Grey CMN.04.T28.031PMZE Grey 140240 PVC Black 140250 PVC Grey 240500 PVC Grey 40060 PVC Black 40060 PVC Black 40240 PTFE White 40240 PTFE White 40250 PVC Black 4041 PVC Grey 4050 PVC Black 4080 PVC Black 4220 PVC Black 4220 PVC Black 4280 PVC Black 80080 PVC <th>Cable PartNumber</th> <th>Material</th> <th>Colour</th> <th>Cable image</th>	Cable PartNumber	Material	Colour	Cable image
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	80082	PVC	Red	
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	CTR.75.030.121870G	PVC	Grey	> □□□=

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