EGA.2B.304.CYM





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Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
Gender	Standard
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	FGA.2B.304.CYCD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

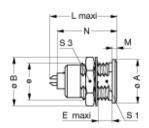
Number of contacts Low Voltage	4
Contact Termination Low voltage	Crimp
R (max)	3.6 mOhm
Insert configuration value	2B.304 - 4 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	15 A
Vtest (contact-contact)	3.2 kV (DC)
Vtest (contact-shell)	3.2 kV (DC)
Contact retention	40 N
Max. Conductor	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	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	A: 2 keys (alpha=30, plug: male contacts, receptacle female contacts)
Colour	Grey
Weight	14.5 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	EGG.2B.665.ZZM		
Compatible cap	BRE.2S.200.NAS		
Tools			
Spanner	DCA.91.231.7TN		
Positionner	DCE.91.132.BVM		
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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