EGG.2B.319.CYP





Image for illustrative purpose only

Summary

Request a quote

Catalog	
	10
Number of contacts Low Voltage	19
Wire Size/AWG	32 - 28
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	FGG.2B.319.CYBD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

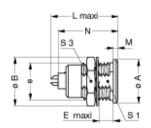
Number of contacts Low Voltage	19		
Contact Termination Low voltage	Crimp		
R (max)	6.1 mOhm		
Insert configuration value	2B.319 - 19 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	5 A		
Vtest (contact-contact)	2.2 kV (DC)		
Vtest (contact-shell)	2.3 kV (DC)		
Contact retention	22 N		
Max. Conductor	0.09 mm^2 (AWG 28)		
Min. Conductor	0.035 mm^2 (AWG 32)		
Bucket Dia.	0.45 mm (0.018in)		
Contact Dia.	0.7 mm (0.028in)		
Wire Size/AWG	32 - 28		
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	17.27 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.656.ZZM
Compatible cap	BRE.2S.200.NAS
Tools	
Spanner	DCA.91.231.7TN
Positionner	DCE.91.072.BVM
Extraction tool	DCC.07.04B.LAG
Crimp tool	DPC.91.701.V