EEG.2B.318.CLL





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Summary

Request a quote

Catalog	
Number of contacts Low Voltage	18
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.00 - 13.60 mm
Size	2B
Suggested matching part	FGG.2B.318.CLAD72Z
Series	B - Indoor keyed

Technical details

Electrical Configuration

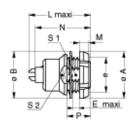
Number of contacts Low Voltage	18				
Contact Termination Low voltage	Solder				
R (max)	6.1 mOhm				
Insert configuration value	2B.318 - 18 Low Voltage				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	5.5 A				
Vtest (contact-contact)	1.2 kV (DC)				
Vtest (contact-shell)	1.7 kV (DC)				
Max. Solid Conductor	0.34 mm^2 (AWG 22)				
Max. Stranded Conductor	0.34 mm^2 (AWG 22)				
Bucket Dia.	0.8 mm (0.031in)				
Contact Dia.	0.7 mm (0.028in)				
Wire Size/AWG	30 - 22				
Gender	Standard				
Form & Material					
Shell style / Model id	EE - Fixed receptacle, nut fixing (back panel mounting)				
Socket / Receptacle	Fixed Panel Rear 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	16.89 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

	В	е	E	L	M	N	P	S1	S2	A
mm.	20	M15x1.0	4.3	26.7	3.5	24.6	9	13.5	15	20
in.	0.79		0.17	1.05	0.14	0.97	0.35	0.53	0.59	0.79

Recommended By Lemo

Accessories

Compatible cap

BRE.2S.200.NAS

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.18.T30.048QGZE	TPR (medical)	Grey	
218220	PVC	Black	
218240	PVC	Black	
218260	PVC	Black	
236080	PVC	Grey	
318250	PVC	Grey	