EGA.5B.354.CYM





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	54
Wire Size/AWG	24 - 20
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.00 - 33.60 mm
Size	5B
Series	B - Indoor keyed

Technical details

Electrical Configuration

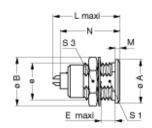
Number of contacts Low Voltage	54
Contact Termination Low voltage	Crimp
R (max)	4.8 mOhm
Insert configuration value	5B.354 - 54 Low Voltage
Insulator	Y: PEEK for crimp contacts
Rated current	3.5 A
Vtest (contact-contact)	2.9 kV (DC)
Vtest (contact-shell)	3 kV (DC)
Contact retention	30 N
Max. Conductor	0.5 mm^2 (AWG 20)
Min. Conductor	0.25 mm^2 (AWG 24)
Bucket Dia.	1.1 mm (0.043in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	24 - 20
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	491.68 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]	4.00 - 33.60 mm			

Drawings







Dimensions

	е	E	L	M	N	S1	В	A	
mm.	M35x1.0	11	43.5	3	39.6	33.5	40	40	
in.		0.43	1.71	0.12	1.56	1.32	1.57	1.57	

Recommended By Lemo

Accessories

Replacement contact	EGG.5B.660.ZZM
Compatible cap	BRE.5S.200.NAS
Tools	
Positionner	DCE.91.095.BVM
Extraction tool	DCC.09.05B.LAG
Crimp tool	DPC.91.701.V
Spanner wrench	Socket for torque wrench DCM.65.370.AZ