## ECA.3B.856.CLL1





Image for illustrative purpose only

# **Summary**

#### Request a quote

Catalog	
Number of contacts Low Voltage	16
Nb of contacts Coax	2
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 - 16.60 mm
Size	3B
Suggested matching part	FGA.3B.856.CLAD11Z
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

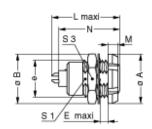
<u> </u>					
Number of contacts Low Voltage	16				
Contact Termination Low voltage	Solder				
Nb of contacts Coax	2				
Contact Termination Coax - Conductor fixing	Crimp				
Contact Termination Coax - Screen fixing	Crimp				
R (max)	5.8 mOhm				
Insert configuration value	3B.856 - 2 Coax (50 Ohm), 16 Low V.				
Insulator	L: PEEK (UL 94 / V-0/1.5)				
Rated current	7 A				
ОНМ	50				
Test voltage (kV DC)	1				
Cable type	RG 174 A/U, RG 188 A/U, RG 316 /U				
Contact Dia.	0.7 mm (0.03in)				
Wire Size/AWG	30 - 22				
Gender	Standard				
orm & Material					
Shell style / Model id	EC - Fixed receptacle with two nuts (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	A: 2 keys (alpha=30, plug: male contacts, receptacle: female contacts)				
Colour	Grey				

#### **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 - 16.60 mm				

# **Drawings**







### **Dimensions**

	В	A	E	L	M	N	<b>S1</b>	<b>S3</b>	е
mm.	25	24	9	30.7	4.5	28.1	16.5	22	M18x1.0
in.	0.98	0.94	0.35	1.21	0.18	1.11	0.65	0.87	

# **Recommended By Lemo**

#### **Accessories**

Compatible cap	BRE.3S.200.NAS		
Tools			
Die Tool	DPE.99.103.8K		
Extraction tool	DCC.91.CP1.LAG		
Spanner wrench Socket for torque wrench DCM.65.200.AZ			