## ECA.2B.307.CLL





Image for illustrative purpose only

# **Summary**

### Request a quote

Catalog	
Number of contacts Low Voltage	7
Wire Size/AWG	28 - 20
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	FGA.2B.307.CLAD52
Series	B - Indoor keyed

# **Technical details**

### **Electrical Configuration**

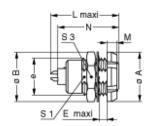
Number of contacts Low Voltage	7			
Contact Termination Low voltage	Solder			
R (max)	3.6 mOhm			
Insert configuration value	2B.307 - 7 Low Voltage			
Insulator	L: PEEK (UL 94 / V-0/1.5)			
Rated current	11 A			
Vtest (contact-contact)	2.5 kV (DC)			
Vtest (contact-shell)	2.3 kV (DC)			
Max. Solid Conductor	0.5 mm^2 (AWG 20)			
Max. Stranded Conductor	0.5 mm^2 (AWG 20)			
Bucket Dia.	1 mm (0.039in)			
Contact Dia.	1.3 mm (0.051in)			
Wire Size/AWG	28 - 20			
Gender	Standard			
Form & 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			
Weight	10.75 g			

#### **Environment**

Audio Video, Energy and Industrial, Medical, Semiconductor, Specialties and Other, Test and Measurement, Transportation, Aerospace and UAV		
IP50		
5000 mating cycles		
-55°C / +250°C (max. temperature valid for short periods of use.)		
50/175/21		
<=95% [at 60 deg C /140 F]		
75 dB (10 MHz)		
40 dB (1 GHz)		
100 g [ 6 ms]		
15 g [10 Hz - 2000 Hz]		
>1000 hr		
2.00 - 13.60 mm		

# **Drawings**







### **Dimensions**

	В	A	L	M	N	S1	<b>S3</b>	E	е
mm.	19.2	20	26.7	3.5	24.6	13.5	17	6.5	M15x1.0
in.	0.76	0.79	1.05	0.14	0.97	0.53	0.67	0.26	

# **Recommended By Lemo**

#### **Accessories**

Compatible cap

BRE.2S.200.NAS

## **Cables**

Cable PartNumber	Material	Colour	Cable image
CMN.07.T20.062PGZE		grey	
CMN.07.T20.062PNZE			
CMN.07.T20.062QGZE	TPR (medical)	Grey	
CMN.07.T26.037QGZE	TPR (medical)	Grey	
CMN.07.T28.044PGZE		grey	
CMN.07.T28.044PNZE			
270250	PVC	Grey	
370500	PVC	Grey	
70140	PVC	Grey	
7041	PVC	Grey	
7050	PVC	Black	
717920	PVC	Grey	
CTR.75.030.121875G	PVC	Grey	