ECG.2B.708.CJL

Standard

Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	8
Number of contacts High Voltage	1
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.708.CJAD48Z
Series	B - Indoor keyed

Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	Solder
Number of contacts High Voltage	1
Contact Termination High voltage	Solder
R (max)	4.8 mOhm
Insert configuration value	2B.708 - 1 High V. 8 Low V.
Insulator	J: PEEK/PEEK
Rated current HV (A)	10
Rated current LV (A)	4
Test voltage HV Ue (kV dc)	9
Test voltage HV Ue (kV rms)	6.4
Test voltage LV cont-cont sold.(kV rms)	1.5
Test voltage LV cont-shell sold.(kV rms)	1.25
Max. Solid Conductor	0.34 mm² (AWG 22)
Max. Stranded Conductor	0.34 mm² (AWG 22)
Bucket Dia.	0.8 mm (0.035in)
Contact Dia.	0.9 mm (0.035in)
Wire Size/AWG	30 - 22
Gender	Standard

Form & Material

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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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	16.65 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.)
Climatic Category	55/175/21
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
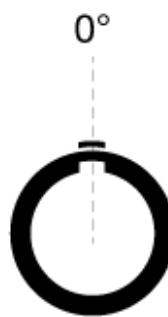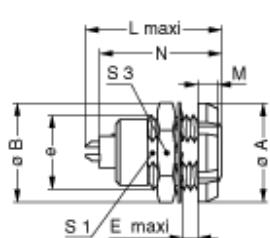
Dimensions

	B	A	L	M	N	S1	S3	E	e
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

Tools

Spanner 2	DCM.65.176.AZ6
Spanner wrench	Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6