ECC.2B.302.CLL





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
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Wire Size/AWG	22 - 14
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	FHC.2B.302.CLAD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

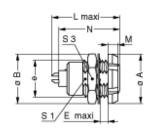
Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	3.3 mOhm
Insert configuration value	2B.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20.5 A
Vtest (contact-contact)	3 kV (DC)
Vtest (contact-shell)	2.9 kV (DC)
Max. Solid Conductor	1.5 mm^2 (AWG 14)
Max. Stranded Conductor	1.5 mm^2 (AWG 16)
Bucket Dia.	1.8 mm (0.071in)
Contact Dia.	2 mm (0.079in)
Wire Size/AWG	22 - 14
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	C: 2 keys (alpha=60, plug: male contacts, receptacle female contacts)
Colour	Grey
Weight	16.15 g

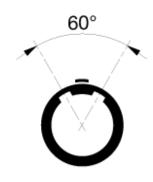
Environment

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	A	L	M	N	S1	S3	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.02.T14.072PGZE		grey	
CMN.02.T14.072PNZE		black	= ====
CMN.02.T14.072QGZE	TPR (medical)	Grey	
CMN.02.T14.078PGZE		grey	
CMN.02.T14.078PNZE			= 5
CMN.02.T18.064UNCU			
CMN.02.T20.047PGZE		grey	
CMN.02.T20.047PNZE			= =
CMN.02.T20.048QGZE	TPR (medical)	Grey	=======================================
CMN.02.T28.030PGCE	PVC	GREY	*
CMN.02.T28.030PGZE		grey	=====
CMN.02.T28.030PNCE	PVC	Black	= 5
CMN.02.T28.030PNZE			-
102080	PVC	Grey	
120184	PVC	Black	>=
120240	PVC	Black	
120250	PVC	Grey	> >
120500	PVC	Grey	~ ~
120501	PVC	Grey	-
120751	PVC	Grey	5
20140	PVC	Grey	
20140	PVC	Grey	
20141	PVC	Grey	
20142	PVC	Red	-10
20143	PVC	Green	
20144	PVC	Black	- 0
20145	PVC	Yellow	-1 a
20146	PVC	Black	5. M
20240	PTFE	White	<
20260	PVC	Black	
20264	PVC	Black	== 8
20266	PVC	Violet	
2050	PVC	Black	3 5
20550	PUR	Black	and the same of th
20560	PUR	White	-
2080	PVC	Grey	
220151	PVC	Grey	
220750	PVC	Grey	~
2221	PVC	Black	- King Tanaharan Indonesia Panaharan Indonesia
2260	PTFE	White	<>
2280	PVC	Black	
320150	PVC	Grey	-
4082	PVC	Grey	
CMB.02.210.635	PUR	Black	

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/ecc-2b-302-cll.html}$

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