EEG.2B.302.CYP





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	18 - 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	FGG.2B.302.CYBD62
Series	B - Indoor keyed

Technical details

Electrical Configuration

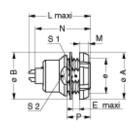
Number of contacts Low Voltage	2			
Contact Termination Low voltage	Crimp			
R (max)	3.3 mOhm			
Insert configuration value	2B.302 - 2 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	20.5 A			
Vtest (contact-contact)	4.1 kV (DC)			
Vtest (contact-shell)	3.8 kV (DC)			
Contact retention	65 N			
Max. Conductor	1.5 mm^2 (AWG 14)			
Min. Conductor	1 mm^2 (AWG 18)			
Bucket Dia.	1.9 mm (0.075in)			
Contact Dia.	2 mm (0.079in)			
Wire Size/AWG	18 - 14			
Gender	Standard			
Form & Material				
Shell style / Model id	EE - Fixed receptacle, nut fixing (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	16.62 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	е	E	L	M	N	P	S1	S2	Α
mm.	20	M15x1.0	4.3	26.7	3.5	24.6	9	13.5	15	20
in.	0.79		0.17	1.05	0.14	0.97	0.35	0.53	0.59	0.79

Recommended By Lemo

Accessories

Replacement contact	EGG.2B.676.ZZM		
Compatible cap	BRE.2S.200.NAS		
Tools			
Spanner	DCH.91.201.PA		
Positionner	DCE.91.202.BVCM		
Extraction tool	DCC.20.25B.LAG		
Crimp tool	DPC.91.101.A		
Spanner wrench	Socket for torque wrench DCM.65.170.AZ and DCM.2S.M15.6		

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.02.T14.072PGZE		grey	-
CMN.02.T14.072PNZE		black	= S
CMN.02.T14.072QGZE	TPR (medical)	Grey	2 5
CMN.02.T14.078PGZE		grey	
CMN.02.T14.078PNZE			
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	-
CMN.02.T28.030PNZE			
102080	PVC	Grey	
120184	PVC	Black	5-6
120240	PVC	Black	
120250	PVC	Grey	-
120500	PVC	Grey	× ====
120501	PVC	Grey	= =
120751	PVC	Grey	= =
20140	PVC	Grey	-1-
20140	PVC	Grey	
20141	PVC	Grey	-3-(-1)
20142	PVC	Red	
20143	PVC	Green	
20144	PVC	Black	
20145	PVC	Yellow	
20146	PVC	Black	E_ E
20240	PTFE	White	*
20260	PVC	Black	
20264	PVC	Black	
20266	PVC	Violet	
2050	PVC	Black	-
20550	PUR	Black	-
20560	PUR	White	-
2080	PVC	Grey	
220151	PVC	Grey	
220750	PVC	Grey	> >
2221	PVC	Black	
2260	PTFE	White	= =====================================
2280	PVC	Black	
320150	PVC	Grey	-
4082 CMP 02 210 625	PVC	Grey	
CMB.02.210.635	PUR	Black	

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

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