PKG.2B.302.CYMD62





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	2
Wire Size/AWG	16 - 12
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Front Mounted
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2B
Suggested matching part	FGG.2B.302.CYCD62
Series	B - Indoor keyed

Technical details

Electrical Configuration

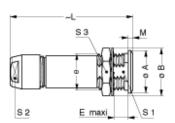
<u> </u>				
Number of contacts Low Voltage	2			
Contact Termination Low voltage	Crimp			
R (max)	3.3 mOhm			
Insert configuration value	2B.302 - 2 Low Voltage			
Insulator	Y: PEEK for crimp contacts			
Rated current	20.5 A			
Vtest (contact-contact)	4.1 kV (DC)			
Vtest (contact-shell)	3.8 kV (DC)			
Contact retention	65 N			
Max. Conductor	2.5 mm^2 (AWG 12)			
Min. Conductor	1.5 mm^2 (AWG 16)			
Bucket Dia.	2.4 mm (0.094in)			
Contact Dia.	2 mm (0.079in)			
Wire Size/AWG	16 - 12			
Gender	Standard			
Form & Material				
Shell style / Model id	PK - Fixed receptacle, nut fixing, cable collet			
Socket / Receptacle	Fixed Panel Front 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	30.82 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			
Cable termination protection	Standard back nut (no additional protection)		
Fixation type	Cable collet		
Jacket cable outside diameter [mm] 5.30 - 6.20 mm			

Drawings







Dimensions

	L	M	S1	S2	S 3	E	A	В	е
mm.	47	1.8	13.5	12	17	8.5	18	19.2	M15x1.0
in.	1.85	0.07	0.53	0.47	0.67	0.33	0.71	0.76	

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/pkg-2b-302-cymd62.html}$

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

Recommended By Lemo

Accessories

Replacement contact	EGG.2B.675.ZZM	
Compatible cap	BRA.2B.200.PCSG	
Tools		
Positionner	DCE.91.202.BVCM	
Extraction tool	DCC.20.25B.LAG	
Crimp tool	DPC.91.101.A	
Spanner wrench	DCD.2B.ZZZ.PA120	

Cables

Cable PartNumber	Material	Colour	Cable image
102080	PVC	Grey	
120184	PVC	Black	
120500	PVC	Grey	
120751	PVC	Grey	
220750	PVC	Grey	