FAG.2B.304.CYC





Image for illustrative purpose only

Summary

Request a quote

Catalog	
Number of contacts Low Voltage	4
Wire Size/AWG	20 - 18
Gender	Standard
Plug	Plug - Fixed
Locking system	Snap-on
Size	2B
Suggested matching part	PHG.2B.304.CLLD52
Series	B - Indoor keyed

Technical details

Electrical Configuration

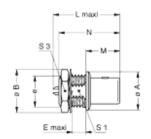
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Number of contacts Low Voltage	4		
Contact Termination Low voltage	Crimp		
R (max)	3.6 mOhm		
Insert configuration value	2B.304 - 4 Low Voltage		
Insulator	Y: PEEK for crimp contacts		
Rated current	15 A		
Vtest (contact-contact)	3.2 kV (DC)		
Vtest (contact-shell)	3.2 kV (DC)		
Contact retention	40 N		
Max. Conductor	1 mm^2 (AWG 18)		
Min. Conductor	0.5 mm^2 (AWG 20)		
Bucket Dia.	1.4 mm (0.055in)		
Contact Dia.	1.3 mm (0.051in)		
Wire Size/AWG	20 - 18		
Gender	Standard		
orm & Material			
Shell style / Model id	FA - Fixed plug, non-latching, nut fixing		
Plug	Fixed		
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	Snap-on		
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)		
Colour	Grey		
Weight	19.18 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		

Drawings







Dimensions

	S 3	Α	В	е	E	L	M	N	S1	
mm.	17	18	19.5	M15x1.0	6.0	28.7	13.8	23.9	13.5	
in.	0.67	0.71	0.77		0.24	1.13	0.54	0.94	0.53	

Recommended By Lemo

Accessories

Replacement contact	FGG.2B.565.ZZC	
Tools		
Spanner	DCA.91.231.7TN	
Extraction tool	DCF.92.131.3LT	
Crimp tool	DPC.91.701.V	

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.04.T20.053PGZE		grey	•
CMN.04.T20.053PNZE			> €
CMN.04.T20.053QGZE	TPR (medical)	Grey	}
CMN.04.T22.047QGC	TPR	Grey	
CMN.04.T22.048QGZE	TPR (medical)	Grey	-
CMN.04.T28.031PGCE	PVC	GREY	>
CMN.04.T28.031PGZE		grey	€
CMN.04.T28.031PNCE	PVC	Black	
CMN.04.T28.031PNZE			> ■■€
CMN.04.T28.031QGC	TPR	Grey	
140240	PVC	Black	- ***
140250	PVC	Grey	
240500	PVC	Grey	
240750	PVC	Grey	
40080	PVC	Black	
40086	PVC	Blue	
40140	PVC	Black	3
40240	PTFE	White	> □
40260	PVC	Black	
4041	PVC	Grey	€
4050	PVC	Black	
4080	PVC	Grey	
417920	PVC	Grey	8
4220	PVC	Black	
4221	PVC	Black	
4260	PTFE	White	≥
4280	PVC	Black	
80080	PVC	Grey	
80082	PVC	Red	
80084	PVC	Black	
CTR.75.030.121870G	PVC	Grey	>

$\underline{https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/fag-2b-304-cyc.html}$

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