PHG.0B.304.CLLD56

Standard



Image for illustrative purpose only

Summary

Request a quote

BKT series

High speed data transfer

Customer Drawing

Number of contacts Low Voltage	4
Protocol	USB 2.0 (480Mb/s)
Wire Size/AWG	30 - 22
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 5.60 mm
Size	0B

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/phg-0b-304-clld56.html

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Suggested matching part	FGG.0B.304.CLAD56
Series	B - Indoor keyed

Technical details

Electrical Configuration	
Number of contacts Low Voltage	4
Contact Termination Low voltage	Solder
R (max) - electrical contact resistance	6.1 mOhm
Insert configuration value	0B.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	7 A
Test voltage contact-contact	1.2 kV DC
Test voltage contact-shell	1 kV DC
Max. Solid Conductor	0.34 mm² (AWG 22)
Max. Stranded Conductor	0.34 mm² (AWG 22)
Bucket Dia.	0.8 mm (0.031 in)
Contact Dia.	0.7 mm (0.028 in)
Number of differential pairs (High speed)	1
Protocol	USB 2.0 (480Mb/s)
Wire Size/AWG	30 - 22
Gender	Standard
Form & Material	
Shell style / Model id	PH - Free receptacle, cable collet
Socket / Receptacle	Free
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	9.86 g

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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	
Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 5.60 mm

Recommended By Lemo

Caps	
Compatible cap	BRF.0S.200.NAS
Plastic Cap	BRD.0B.200.PCSG
Soft Cap	BPZ.0B.200.SCN
Tools	
Spanner	DCP.91.001.TN
Spanner wrench	DCD.0B.ZZZ.PA070

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Cables

Cable PartNumber	Material	Colour	Cable image
4220	PVC	Black	

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