EXG.0B.304.HLN

Standard

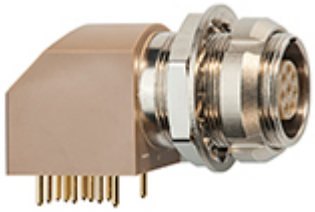


Image for illustrative purpose only

Summary

Request a quote

BKT series

Customer Drawing

Number of contacts Low Voltage	4
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Panel Drill Hole	M9
Size	0B
Suggested matching part	FGG.0B.304.CLAD22
Series	B - Indoor keyed

https://www.lemo.com/int_en/solutions/originals/b-indoor-keyed/exg-0b-304-hln.html
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Technical details

Electrical Configuration	
Number of contacts Low Voltage	4
Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	0B.304/EXG - 4 Low Voltage
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	A (General Design Producibility - Preferred)
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	4.5 A
Vtest (contact-contact)	1.2 kV (DC)
Vtest (contact-shell)	1 kV (DC)
Contact Dia.	0.7 mm (0.028in)
Number of differentiated pairs (High speed)	1
Gender	Standard

Form & Material	
Shell style / Model id	EX - Elbow receptacle for printed circuit with two nuts (solder or screw fixing, back panel mounting)
Socket / Receptacle	Elbow
Housing material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	10.86 g
Panel Drill Hole	M9

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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	>144 hr

Recommended By Lemo

Caps	
Compatible cap	BRE.0S.200.NAS
Cap 2	BRE.0S.200.NPSN
Plastic Cap	BRA.0B.200.PCSG
Soft Cap	BEZ.0B.200.SCN

Tools	
Spanner 2	DCM.65.106.AZ4
Spanner wrench	Socket for torque wrench DCM.0S.M09.4

CAD

Documents	
PCB Eagle	Download

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