EPL.1S.304.HLN

Standard



Image for illustrative purpose only

Summary

Request a quote

SE series

Number of contacts Low Voltage	4
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1S
Suggested matching part	FFA.1S.304.CLAC22
Series	S - Indoor Stepped Insert

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Technical details

Electrical Configuration

Number of contacts Low Voltage	4
Contact Termination Low voltage	PCB - Straight
R (max) - electrical contact resistance	4.8 mOhm
Insert configuration value	1S.304 - 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)
Test voltage (kV DC)	1.8
Contact Dia.	0.9 mm (0.035 in)

Form & Material

Shell style / Model id	EPL - Elbow receptacle for printed circuit (solder or screw fixing)
Socket / Receptacle	Elbow
Housing material	PPS (Polyphenylene) shell, other pieces nickel plated [SAE AMS QQ N 290] brass
Locking system	Push-pull
Keying	Hermaphroditic keying (half moon insert) with female pin 1
Weight	11.93 g

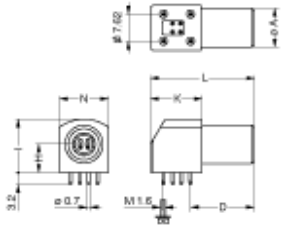
Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +220°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

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Drawings







Dimensions

	A	D	H	I	K	L	N
mm.	11	16.5	7.7	14	13.2	27	12.6
in.	0.43	0.65	0.3	0.55	0.52	1.06	0.5

Recommended By Lemo

Caps	
Compatible cap	BRE.1S.200.NAS
Cap 2	BRE.1S.200.NAV
Plastic Cap	BRA.1B.200.PCSG

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