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Summary

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Number of contacts Low Voltage	3
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	0S
Suggested matching part	FFA.0S.303.CLAC32
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/exp-0s-303-hln.html

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Technical details

Electrical Configuration

Contact Termination Low voltage	PCB - Straight
R (max)	6.1 mOhm
Insert configuration value	0S.303 - 3 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest	1060 V (AC), 1500 V (DC)
Contact Type	Print (straight)
Contact Dia.	0.7 mm (0.028in)
Number of contacts Low Voltage	3

Form & Material

Shell style / Model id	EXP - Elbow receptacle for printed circuit with two nuts (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	8.31 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
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	>144 hr

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