

Standard



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Summary

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SE series

Number of contacts Low Voltage	7
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.20 mm
Size	2S
Suggested matching part	FFA.2S.307.CLAC62
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/pca-2s-307-cllc62.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	7
Contact Termination Low voltage	Solder
Insert configuration value	2S.307 - 3 (1.3 mm) + 4 (0.9 mm) Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	1.3 mm : 12 A, 0.9 mm : 9 A
Test voltage (kV DC)	1.2
Bucket Dia.	3x1 mm, 4x0.8 mm
Contact Dia.	3x1.3 mm, 4x0.9 mm
Wire Size/AWG details	1.3 mm : 20 (AWG max), 0.9 mm : 22 (AWG max)

Form & Material

Shell style / Model id	PCA - 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	Hermaphroditic keying (half moon insert) with female pin 1
Colour	Grey

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 / +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

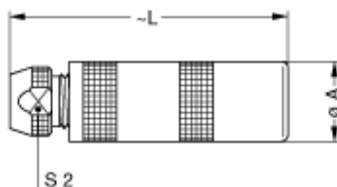
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.20 mm

Drawings



Dimensions

	A	L	S2	C
mm.	14.8	50	11	8.5
in.	0.58	1.97	0.43	0.33

Recommended By Lemo

Caps

Compatible cap	BRF.2S.200.NAS
Cap 2	BRF.2S.200.NAV
Plastic Cap	BRD.2B.200.PCSG
Soft Cap	BPZ.2B.200.SCN

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