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## Summary

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Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2S
Suggested matching part	<a href="#">FFA.2S.304.CKAC52Z</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ecp-2s-304-clv.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ecp-2s-304-clv.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	PCB - Elbow
Insert configuration value	2S.304 - 4 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Vtest	1700 V (AC), 2400 V (DC)
Contact Type	Print (elbow)
Contact Dia.	1.3
Number of contacts Low Voltage	4
Wire Size/AWG	28 - 20

## Form & Material

Shell style / Model id	ECP - Fixed receptacle with two nuts, long threaded shell, with elbow contacts for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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
Weight	16.65 g

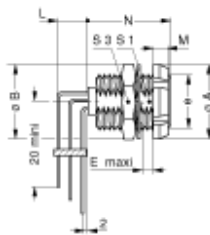
## Environment

Technical domain	Audio Video, Energy and Industrial, Semiconductor, Test and Measurement
Environmental sealing (IP rating)	IP50
Endurance	5000 mating cycles
Temperature range	-55°C / +250°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	>1000 hr

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# Drawings



## Dimensions

	<b>N</b>	<b>S1</b>	<b>e</b>	<b>A</b>	<b>B</b>	<b>S3</b>	<b>E</b>	<b>M</b>
mm.	20	13.5	M15x1.0	20	19.5	17	11	3.5
in.	0.79	0.53		0.79	0.77	0.67	0.43	0.14

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