

*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	1
Plug	Plug - Fixed
Locking system	Snap-on
Size	2S
Suggested matching part	<a href="#">PCA.2S.140.CTLC62</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/faa-2s-140-cta.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-2s-140-cta.html)

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# Technical details

## Electrical Configuration

Contact Termination Low voltage	Solder
Insert configuration value	2S.140 - 1 Low Voltage
Insulator	T: PTFE
Rated current	40 A
Vtest (contact-contact)	1800 V (AC), 2550 V (DC)
Vtest (contact-shell)	1800 V (AC), 2550 V (DC)
Contact Type	Solder
Number of contacts Low Voltage	1

## Form & Material

Shell style / Model id	FAA - Fixed plug, non-latching, nut fixing
Plug	Fixed
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	Snap-on
Keying	Circular, male
Colour	Grey
Weight	16.37 g

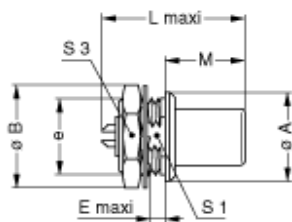
## Environment

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>L</b>	<b>M</b>	<b>E</b>	<b>A</b>	<b>B</b>	<b>e</b>	<b>S3</b>	<b>A</b>	<b>S1</b>
mm.	25	13.8	4	18	19.5	M15x1.0	17	18	13.5
in.	0.98	0.54	0.16	0.71	0.77		0.67	0.71	0.53

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