



*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	1
Wire Size/AWG	22 - 14
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	6.30 - 7.20 mm
Size	2S
Suggested matching part	<a href="#">ERA.2S.408.CLL</a>
Series	S - Indoor Stepped Insert

[https://www.lemo.com/int\\_en/solutions/originals/s-indoor-stepped-insert/ffb-2s-408-clac72.html](https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-2s-408-clac72.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	2S.408 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	10 A
Test voltage (kV DC)	12
Air clearance	11.5 mm
Creepage distance	11.9 mm
Contact Dia.	2
Wire Size/AWG	22 - 14

## Form & Material

Shell style / Model id	FFB - Straight plug, cable collet and safety locking ring
Plug	Straight
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	Circular, male
Colour	Grey
Weight	34.14 g

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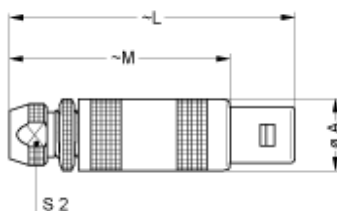
## Environment

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.)
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

## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	6.30 - 7.20 mm

## Drawings



## Dimensions

	<b>L</b>	<b>M</b>	<b>S2</b>	<b>A</b>
mm.	55.5	43.5	11	14.8
in.	2.19	1.71	0.43	0.58

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# Recommended By Lemo

## Accessories

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Compatible cap	<a href="#">BFG.2B.100.PCSG</a>
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