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## Summary

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Plug	Plug - Fixed
Locking system	Push-pull
Size	1D
Suggested matching part	<a href="#">PCA.1D.694.CNAD42</a>

# Technical details

## Electrical Configuration

Nb of contacts Quadrax	1
Contact Termination Quadrax	Solder
Insert configuration value	1D.694 - 1 Quadrax
Insulator	N: PBT
Rated current	0.5 A
Vtest (contact-contact)	420 V (AC), 600 V (DC)
Vtest (contact-shell)	420 V (AC), 600 V (DC)

## 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	Push-pull
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	12.08 g

## Environment

Technical domain	Security and Defence, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	1000 mating cycles
Temperature range	-40°C / +120°C
Insulating res.	10e11 Ohms
Shielding (min)	70dB (10 MHz)
Salt Spray Corrosion	>1000 hr

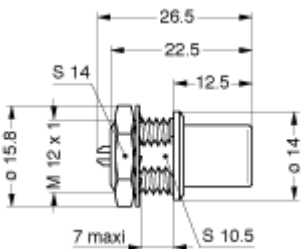
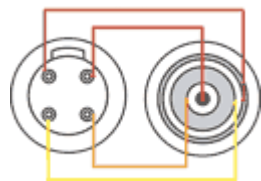
## Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet

[https://www.lemo.com/int\\_en/faa-1d-694-cn1.html](https://www.lemo.com/int_en/faa-1d-694-cn1.html)

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# Drawings



## Dimensions

	A	B	L	e	M	E	S1	S3
mm.	14	16	26.5	M12x1.0	12.5	7	10.5	14
in.	0.55	0.63	1.04		0.49	0.28	0.41	0.55