

Summary

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Number of contacts High Voltage	1
Wire Size/AWG	18 - 10
Plug	Plug - Fixed
Locking system	Push-pull
Size	3S
Matching parts	PCA.3S.405.CTAC52
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Contact Termination High voltage	Solder
Insert configuration value	3S.405 - 1 High Voltage
Insulator	T: PTFE
Rated current	15 Amps
Test voltage (kV DC)	10.5
Contact Type	Solder
Air clearance	12.8 mm
Creepage distance	12.9 mm
Contact Dia.	4
Number of contacts High Voltage	1
Wire Size/AWG	18 - 10

https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/faa-3s-405-cta.html

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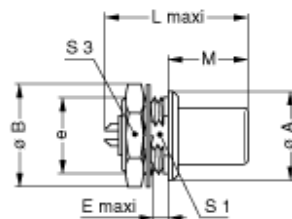
Form & Material

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	Circular, male
Weight	36.18 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

Drawings



Dimensions

	A	B	E	e	M	L	M	S1
mm.	22	25	4	M18x1.0	17	31	17	16.5
in.	0.87	0.98	0.16		0.67	1.22	0.67	0.65

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