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Summary

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high voltage connector Y S E 05 LEMO

Number of contacts High Voltage	2
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.30 - 5.70 mm
Size	3S
Series	S - Indoor Stepped Insert

Technical details

Electrical Configuration

Number of contacts High Voltage	2
Contact Termination High voltage	Solder
Insert configuration value	3S.432 - 2 High Voltage
Footprint IPC Class3 compatibility	No
Insulator	T: PTFE
Rated current	16 A
Test voltage (kV DC)	4.5

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	Hermaphroditic keying (half moon insert) with male pin 1
Colour	Grey
Weight	61.85 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 (max. temperature valid for short periods of use.)
Climatic Category	55/175/21
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

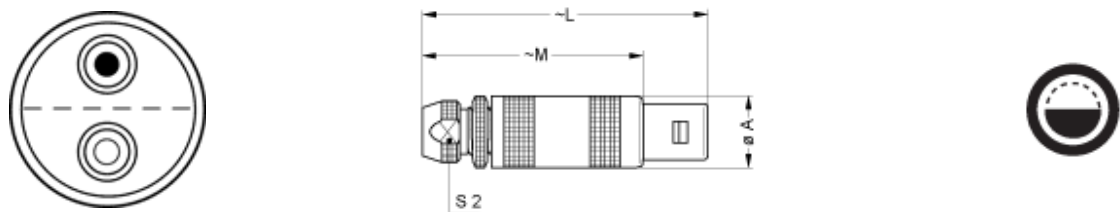
https://www.lemo.com/int_en/solutions/originals/s-indoor-stepped-insert/ffb-3s-432-ctac57.html

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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	4.30 - 5.70 mm

Drawings



Dimensions

	A	L	M	S2
mm.	17.8	65	50	14
in.	0.7	2.56	1.97	0.55

Recommended By Lemo

Accessories

Compatible cap	BFG.3B.100.PCSG
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Tools

Spanner wrench	DCP.91.023.TN
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