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Summary

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high voltage connector Y S E 05 LEMO

Number of contacts High Voltage	1
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.80 - 7.20 mm
Size	3S
Suggested matching part	FFB.3S.410.CTAC62
Alternative part	PCA.3S.410.CTLC72
Series	S - Indoor Stepped Insert

https://www.lemo.com/int_en/catalog/product/view/id/530523/s/pca-3s-410-ctlc62/category/38/

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3S.410 - 1 High Voltage
Insulator	T: PTFE
Rated current	10 A
Test voltage (kV DC)	15
Creepage distance	16.5 mm

Form & Material

Shell style / Model id	PCA - Free receptacle, cable collet
Socket / Receptacle	Free
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, female
Colour	Grey
Weight	62.75 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

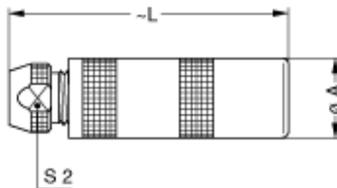
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Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.80 - 7.20 mm

Drawings



Dimensions

	A	L	S2
mm.	17.8	59	14
in.	0.7	2.32	0.55

Recommended By Lemo

Accessories

Compatible cap [BRF.3S.200.NAS](#)

Tools

Spanner wrench [DCP.91.023.TN](#)

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