



Image for illustrative purpose only

Summary

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high voltage connector Y S E 05 LEMO

Number of contacts High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	2.30 - 3.20 mm
Size	1Y
Suggested matching part	ERA.1Y.410.CLL ERA.1Y.410.CTL
Series	Y - High Voltage Unipole

https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-410-clac32.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	1Y.410 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 A
Test voltage (kV DC)	15
Creepage distance	24.5 mm
Bucket Dia.	1.5 mm (0.059 in)
Contact Dia.	1.4 mm (0.055 in)

Form & Material

Shell style / Model id	FFA - Straight plug with cable collet
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
Colour	Grey
Weight	35.72 g

Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP50
Salt Spray Corrosion	>1000 hr

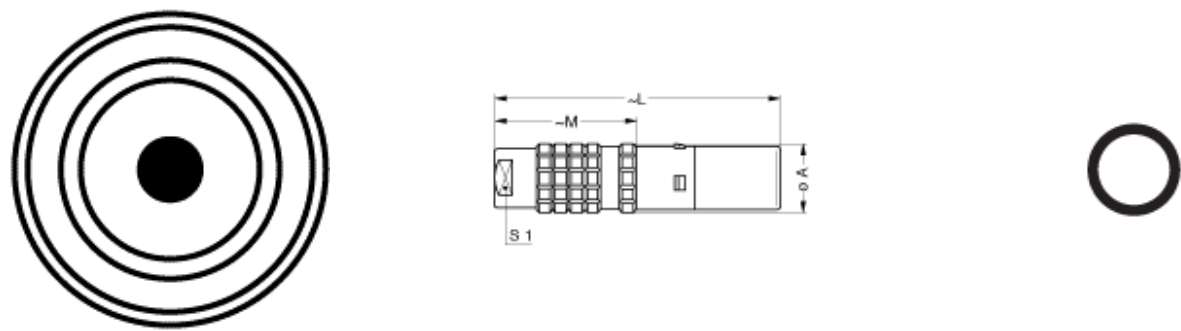
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	2.30 - 3.20 mm

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Drawings



Dimensions

	A	L	M	S1
mm.	13	63.7	27.7	9
in.	0.51	2.51	1.09	0.35

CAD

Documents

Eplan

Download