



Image for illustrative purpose only

Summary

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[high voltage connector Y S E 05 LEMO](#)

[Customer Drawing](#)

Number of contacts High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.10 - 6.00 mm
Size	3Y
Suggested matching part	ERA.3Y.415.CTA
Alternative part	FFA.3Y.415.CTLC72
Series	Y - High Voltage Unipole

https://www.lemo.com/int_en/catalog/product/view/id/540588/s/ffa-3y-415-ctlc62/category/74/

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3Y.415 - 1 High Voltage
Insulator	T: PTFE
Rated current	15 A
Test voltage (kV DC)	22.5
Creepage distance	40 mm
Bucket Dia.	2.5 mm (0.098 in)
Contact Dia.	4 mm (0.16 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	125.79 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]	5.10 - 6.00 mm

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