



*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]	10.10 - 10.50 mm
Size	3Y
Suggested matching part	<a href="#">ERA.3Y.415.CTA</a>
Series	Y - High Voltage Unipole

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-3y-415-ctlc11.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-3y-415-ctlc11.html)

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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
Footprint IPC Class3 compatibility	No
Insulator	T: PTFE
Rated current	15 A
Test voltage (kV DC)	22.5
Creepage distance	40 mm

## 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	122.19 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]	10.10 - 10.50 mm

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