



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]	5.70 - 7.20 mm
Size	3Y
Suggested matching part	<a href="#">ERA.3Y.430.CTL</a>
Series	Y - High Voltage Unipole

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-3y-430-ctac72.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-3y-430-ctac72.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	3Y.430 - 1 High Voltage
Insulator	T: PTFE
Rated current	15 A
Test voltage (kV DC)	42 (value for male contact plug mated with female contact socket)
Creepage distance	58 mm
Bucket Dia.	2.5 mm (0.098 in)
Contact Dia.	4.5 mm (0.18 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	104.39 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]	5.70 - 7.20 mm

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## Documents

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Eplan

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