



*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]	4.20 - 5.20 mm
Size	1Y
Suggested matching part	<a href="#">ERA.1Y.410.CTA</a>
Series	Y - High Voltage Unipole

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-410-ctlc52.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-410-ctlc52.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	T: PTFE
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	39.59 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]	4.20 - 5.20 mm

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