



## Summary

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Number of contacts High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.50 - 4.20 mm
Size	1Y
Matching parts	<a href="#">ERA.1Y.405.CLL</a>
Series	Y - High Voltage Unipole

## Technical details

### Electrical Configuration

Contact Termination High voltage	Solder
Insert configuration value	1Y.405 - 1 High Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	8 Amps
Test voltage (kV AC)	7.5
Contact Type	Solder
Creepage distance	16 mm
Number of contacts High Voltage	1

[https://www.lemo.com/int\\_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-clac42.html](https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffa-1y-405-clac42.html)

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## 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
Weight	30.77 g

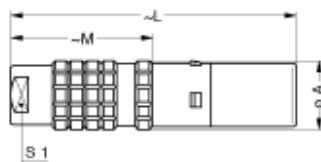
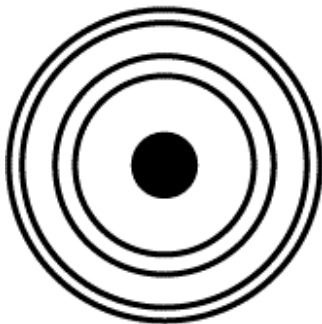
## Environment

Technical domain	Specialties and Other
Environmental protection (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]	3.50 - 4.20 mm

## Drawings



## Dimensions

	<b>A</b>	<b>L</b>	<b>M</b>	<b>S1</b>
mm.	13	54	27.5	9
in.	0.51	2.13	1.08	0.35

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