



Image for illustrative purpose only

Summary

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Number of contacts High Voltage	1
Plug	Plug - Straight
Locking system	Push-pull
Size	1Y
Suggested matching part	ERA.1Y.416.CLL
Series	Y - High Voltage Unipole

https://www.lemo.com/int_en/solutions/supreme/y-high-voltage-unipole/ffr-1y-416-cfae64g.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	1
Contact Termination High voltage	Solder
Insert configuration value	1Y.416 - 1 High Voltage
Insulator	F: Silicon (LSR)/ Y series
Rated current	6 A
Test voltage (kV DC)	35
Creepage distance	14 mm

Form & Material

Shell style / Model id	FFR - Straight plug for cable crimping with bend relief and safety locking ring
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	31.02 g

Environment

Technical domain	Specialties and Other
Environmental sealing (IP rating)	IP50
Salt Spray Corrosion	>1000 hr

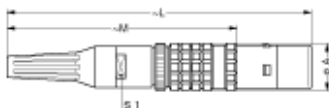
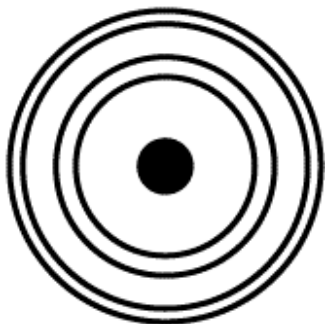
Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Crimp

Drawings

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Dimensions

	A	L	M	S1
mm.	13	83	64.7	9
in.	0.51	3.27	2.55	0.35