FFA.2C.302.CLAC47

Image for illustrative purpose only

Summary

Request a quote

2C 2G compact series

Number of contacts Low Voltage	2
Wire Size/AWG	24 - 16
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	4.20 - 4.60 mm
Size	2C
Suggested matching part	ERA.2C.302.CLL PCA.2C.302.CLLC47

https://www.lemo.com/int_en/ffa-2c-302-clac47.html
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Technical details

Electrical Configuration	
Number of contacts Low Voltage	2
Contact Termination Low voltage	Solder
R (max)	3.5 mOhm
Insert configuration value	2C.302 - 2 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	20 A
Vtest	1700 V (AC), 2400 V (DC)
Max. Solid Conductor	1 mm^2 (AWG 16)
Max. Stranded Conductor	1 mm^2 (AWG 18)
Bucket Dia.	1.4 mm (0.055in)
Contact Dia.	1.6 mm (0.063in)
Wire Size/AWG	24 - 16

Form & Material	
Shell style / Model id	FFA - Straight plug, 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	Hermaphroditic keying (half moon insert) with male pin 1
Weight	14.22 g

Environment	
Environmental sealing (IP rating)	IP50
Endurance	500 mating cycles
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 - 4.60 mm

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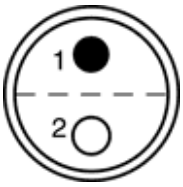
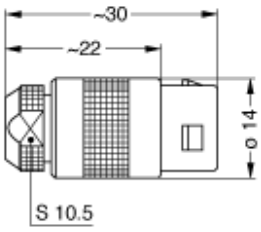
Drawings

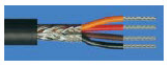




Dimensions

	A	L
mm.	14	30
in.	0.55	1.18

Cables

Cable PartNumber	Material	Colour	Cable image
120240	PVC	Black	
120250	PVC	Grey	
20260	PVC	Black	
4082	PVC	Grey	

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