



*Image for illustrative purpose only*

## Summary

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Number of contacts Low Voltage	18
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2G
Suggested matching part	<a href="#">FGG.2G.318.CLAD80</a>

[https://www.lemo.com/int\\_en/ecg-2g-318-cln.html](https://www.lemo.com/int_en/ecg-2g-318-cln.html)

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# Technical details

## Electrical Configuration

Number of contacts Low Voltage	18
Contact Termination Low voltage	PCB - Straight
Insert configuration value	2G.318 - 18 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	5.5 A
Vtest (contact-contact)	1400 V (AC), 2000 V (DC)
Vtest (contact-shell)	1400 V (AC), 2000 V (DC)

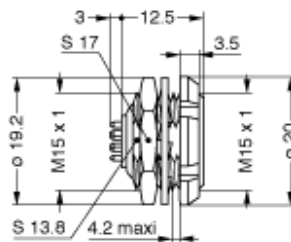
## Form & Material

Shell style / Model id	ECG - Fixed receptacle with two nuts, straight contact for printed circuit (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
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	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Weight	14.24 g

## Environment

Environmental sealing (IP rating)	IP50
Endurance	500 mating cycles
Salt Spray Corrosion	>1000 hr

# Drawings



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## Dimensions

	L	A
mm.	12.5	20
in.	0.49	0.79

## Recommended By Lemo

Tools	
Spanner 2	<a href="#">DCM.65.176.AZ6</a>
Spanner wrench	<a href="#">Socket for torque wrench DCM.2S.M15.6</a>

## CAD

Documents	
PCB	<a href="#">Download</a>
PCB Eagle	<a href="#">Download</a>
Kicad	<a href="#">Download</a>
PCB Altium	<a href="#">Download</a>