

Patent-pending

**20x**  
fixed sockets**20x**  
potting rings**700x**  
polyimides tubes*Image for illustrative purpose only*

## Summary

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Number of contacts High Voltage	34
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	<a href="#">CAH.H34.GLW.C7G-2</a>
Series	REDEL P - Push-Pull

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/ckh-h34-glwg-2.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckh-h34-glwg-2.html)

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# Technical details

## Electrical Configuration

Number of contacts High Voltage	34
Contact Termination High voltage	Solder
Insert configuration value	2P.H34 - 34 High Voltage
Insulator	L: PEEK for solder contacts
Rated current	1.3 A
Single wire jacket diameter max	0.7 mm (0.276 in)
ESD air discharge - IEC 61000-4-2: 2008 - 969 hPa / 25°C / 35 %HR	12 kV DC with standard model CAH.H34.GLW.C7G-2
Creepage (contact-contact) - Mated with straight plug	IEC 60601-1 - 5.3 mm (0.209 in)
Creepage (contact-contact) - Unmated	IEC 60601-1 - 0.28 mm (0.011 in)
Air clearance distances (contact-contact) - Mated with straight plug	IEC 60601-1 - 5.3 mm (0.209 in)
Air clearance distances (contact-contact) - Unmated	IEC 60601-1 - 0.28 mm (0.011 in)
Air clearance - 1 or 2 MOOP - Mated with straight plug	IEC 60601-1: 9.8 kV DC / 30.1 mm (1.185 in)
Creepage 2 MOOP - Mated with straight plug	IEC 60601-1: 1 kV DC / 30.1 mm (1.185 in)
Test voltage contact-contact	5.6 kV DC
Bucket Dia.	0.4 mm (0.0157in)
Contact Dia.	0.5 mm (0.0197in)
Gender	Reverse Gender

## Form & Material

Shell style / Model id	CK - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	H: 3 keys (alpha=0, gamma=80, Plug: female contacts, Receptacle: male contacts)
Colour	Grey
Weight	4.8 g

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## Environment

Technical domain	Medical : EP Catheter - Specially designed for mapping and PFA applications, Energy and Industrial, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +150°C
F retention	min 110 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.
Note	This reference is sold in sets of 20 pieces and includes respective quantities of polyimide tubes and potting rings required for the cable assembly. Ordering individual references is not possible.

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/ckh-h34-glwg-2.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckh-h34-glwg-2.html)

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