

Patent-pending**20x**
free
sockets**20x**
potting rings**700x**
polyimides tubes*Image for illustrative purpose only*

Summary

[Request a quote](#)[Catalog](#)

Number of contacts High Voltage	34
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Suggested matching part	CAB.H34.SLW.C7G-2
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-h34-slw-c7g-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	1.2 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 CAB.H34.SLW.C7G-2
Creepage (contact-contact) - Mated with straight plug	IEC 60601-1 -5.5 mm (0.217 in)
Creepage (contact-contact) - Unmated	IEC 60601-1 - 5.5 mm (0.217 in)
Air clearance distances (contact-contact) - Mated with straight plug	IEC 60601-1 - 5.5 mm (0.217 in)
Air clearance distances (contact-contact) - Unmated	IEC 60601-1 - 5.5 mm (0.217 in)
Air clearance - 1 or 2 MOOP - Mated with straight plug	IEC 60601-1: 2.8 kV DC / 11.6 mm (0.457 in)
Creepage 1 MOOP - Mated with straight plug	IEC 60601-1: 1 kV DC / 11.6 mm (0.457 in)
Test voltage contact-contact	5.6 kV DC
Bucket Dia.	0.4 mm (0.0157in)
Contact Dia.	0.5 mm (0.0197in)
Gender	Standard

Form & Material

Shell style / Model id	CR - Free socket with cable collet
Socket / Receptacle	Free
Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	11.1 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	>1000 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.

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 7.20 mm

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