

Patent-pending

**20x**
straight
plugs**20x**
potting rings**700x**
polyimides tubes*Image for illustrative purpose only*

Summary

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

Number of contacts High Voltage	34
Gender	Standard
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Suggested matching part	CKB.H34.GLWG-2
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-h34-glw-c7g-2.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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 CRB.H34.GLWG-2
Creepage (contact-contact) - Mated with fixed socket	IEC 60601-1 - 4.8 mm (0.189 in)
Creepage (contact-contact) - Unmated	IEC 60601-1 - 0.28 mm (0.011 in)
Air clearance distances (contact-contact) - Mated with fixed socket	IEC 60601-1 - 4.8 mm (0.189 in)
Air clearance distances (contact-contact) - Unmated	IEC 60601-1 - 0.28 mm (0.011 in)
Air clearance - 1 or 2 MOOP - Mated with fixed socket / free socket	IEC 60601-1: 2.8 kV DC / 11.7 mm (0.461 in)
Creepage 1 MOOP - Mated with fixed socket	IEC 60601-1: 1 kV DC / 11.7 mm (0.461 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	CA - Straight plug with cable collet
Plug	Straight
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	8.6 g

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-h34-glw-c7g-2.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.

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

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cab-h34-glw-c7g-2.html

LEMO products and services are provided "as is". LEMO makes no warranties or representations with regard to LEMO product & services or use of them, express, implied or statutory, including for accuracy, completeness, or security. The user is fully responsible for his products and applications using LEMO components.