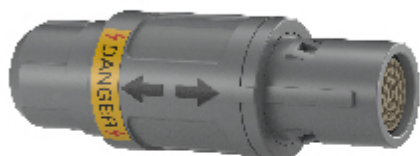


Patent-pending

**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                             | Reverse Gender                 |
| Plug                               | Plug - Straight                |
| Locking system                     | Push-pull                      |
| Jacket cable outside diameter [mm] | 5.30 - 7.20 mm                 |
| Size                               | 2P                             |
| Suggested matching part            | <a href="#">CKH.H34.GLWG-2</a> |
| Series                             | REDEL P - Push-Pull            |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cah-h34-glw-c7g-2.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cah-h34-glw-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 CKH.H34.GLW.C72G-2 |
| Creepage (contact-contact) - Mated with fixed socket                | IEC 60601-1 - 5.3 mm (0.209 in)                 |
| Creepage (contact-contact) - Unmated                                | IEC 60601-1 - 5.5 mm (0.217 in)                 |
| Air clearance distances (contact-contact) - Mated with fixed socket | IEC 60601-1 - 5.3 mm (0.209 in)                 |
| Air clearance distances (contact-contact) - Unmated                 | IEC 60601-1 - 5.5 mm (0.217 in)                 |
| Air clearance - 1 or 2 MOOP - Mated with fixed socket / free socket | IEC 60601-1: 9.8 kV DC / 30.1 mm (1.185 in)     |
| Creepage 2 MOOP - Mated with fixed socket                           | IEC 60601-1: 1 kV DC / 30.1mm (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 | CA - Straight plug with cable collet  |
| Plug                   | Straight  |
| 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                 | 10 g  |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cah-h34-glw-c7g-2.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cah-h34-glw-c7g-2.html)

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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                               |

[https://www.lemo.com/int\\_en/solutions/redel/redel-p-push-pull/cah-h34-glw-c7g-2.html](https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/cah-h34-glw-c7g-2.html)

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