

[Standard](#)

Image for illustrative purpose only

Summary

[Request a quote](#)[P series catalog](#)[Industry Brochure Medical](#)[Customer Drawing](#)

Number of contacts High Voltage	5
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 7.20 mm
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-h05-gll-c72a.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	5
Contact Termination High voltage	Solder
Insert configuration value	2P.H05 - 5 High Voltage
Insulator	L: PEEK for solder contacts
Rated current	8 A
Test voltage contact-contact	16.4 (kV DC)
Air clearance	7.96 mm
Creepage distance	7.96 mm
Gender	Standard
Important recommendation	The use of potting type Epoxy or / and adhesive-lined heatshrink tubes (not provided with the connector) over each termination is necessary to achieve the indicated Air Clearance and Creepage distance values as well as the indicated Test voltage.

Form & Material

Shell style / Model id	CR - Free receptacle with cable collet
Socket / Receptacle	Free
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 - Blue
Weight	9.3 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Temperature range	-50°C / +150°C

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/crb-h05-gll-c72a.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.

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/crb-h05-gll-c72a.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.