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Summary

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Number of contacts High Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2P
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckb-h08-ells.html

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Technical details

Electrical Configuration

Number of contacts High Voltage	8
Contact Termination High voltage	Solder
Insert configuration value	2P.H08 - 8 High Voltage
Footprint IPC Class3 compatibility	No
Insulator	L: PEEK for solder contacts
Rated current	6.5 A
Test voltage contact-contact	14.56 (kV DC)
Air clearance	7.42 mm
Creepage distance	7.42 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	CK - Fixed receptacle with two nuts (back panel mounting)
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PSU (Polysulfone), orange
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Weight	5.6 g

Environment

Technical domain	Energy and Industrial, Medical, Test and Measurement, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP50
Endurance	>5000 mating cycles
Temperature range	-50°C / +150°C

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