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Summary

Request a quote

P series catalog

Customer Drawing

Number of contacts High Voltage	8
Gender	Reverse Gender
Socket / Receptacle	Socket / Receptacle - Free
Locking system	Push-pull
Jacket cable outside diameter [mm]	3.20 - 5.20 mm
Size	2P
Series	REDEL P - Push-Pull

Technical details

Electrical Configuration

Number of contacts High Voltage	8
Contact Termination High voltage	Solder
Insert configuration value	2P.H08 - 8 High Voltage
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	Reverse Gender
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), black
Locking system	Push-pull
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Colour	Black
Weight	9.93 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

Cable fixation

Cable termination protection	Standard back nut (no additional protection)
Fixation type	Cable collet
Jacket cable outside diameter [mm]	3.20 - 5.20 mm