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Summary

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[Customer Drawing](#)

Number of contacts Low Voltage	14
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	1P
Series	REDEL P - Push-Pull

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Technical details

Electrical Configuration

Number of contacts Low Voltage	14
Contact Termination Low voltage	PCB - Straight
R (max)	8.5 mOhm
Insert configuration value	1P.M14 - 14 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	2 A
Test voltage (kV rms) Contact-contact	0.6
Air clearance	0.5 mm
Creepage distance	0.5 mm
Contact Dia.	0.5 mm (0.0201in)
Gender	Standard

Form & Material

Shell style / Model id	PK - Fixed receptacle with two nuts (back panel mounting), straight print contacts
Socket / Receptacle	Fixed Panel Rear Mounted
Housing material	PEI (Polyetherimide), grey
Locking system	Push-pull
Keying	2 keys (alpha=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey - Green
Variant	Green front nut
Weight	5.71 g

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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 / +170°C
F ret (max)	150 N
F ret (min)	50 N
Steam sterilization	Compiles with ISO 17665:2024 sterilization standard for autoclave, ISO 11135:2014 for EtO, and ISO 11137-1, -2, -3 standards for gamma, e-beam x-ray. For more details on sterilization methods and cycles, please contact us.

Recommended By Lemo

Accessories

Compatible cap [PBG.200.BMV](#)

Tools

Spanner [POB.186.GN](#)

CAD

Documents

PCB [Download](#)

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