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Summary

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Number of contacts Low Voltage	8
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Elbow
Locking system	Push-pull
Size	1P
Suggested matching part	PAG.M0.8GL.AC39G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ppg-m0-8gg-n.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	8
Contact Termination Low voltage	PCB - Straight
R (max)	6.5 mOhm
Insert configuration value	1P.M08 - 8 Low Voltage
Insulator	G: PSU gray
Rated current	5 A
Test voltage contact-contact	1.48 (kV DC)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Contact Dia.	0.7 mm (0.0275in)
Gender	Standard

Form & Material

Shell style / Model id	PP - Elbow receptacle key (G) or keys (A,B,C) for printed circuit
Socket / Receptacle	Elbow
Housing material	PSU (Polysulfone), grey
Locking system	Push-pull
Keying	G: 1 key (alpha=0, plug: male contacts, receptacle: female contacts)
Colour	Grey
Weight	1.02 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
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.

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Recommended By Lemo

Accessories	
Compatible cap	PBG.200.BMV

CAD

Documents	
PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download