



Image for illustrative purpose only

Summary

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Number of contacts Low Voltage	19
Gender	Standard
Socket / Receptacle	Socket / Receptacle - Fixed Panel Rear Mounted
Locking system	Push-pull
Size	2P
Suggested matching part	CAB.M19.GLA.C52G
Series	REDEL P - Push-Pull

https://www.lemo.com/int_en/solutions/redel/redel-p-push-pull/ckb-m19-glng.html

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Technical details

Electrical Configuration

Number of contacts Low Voltage	19
Contact Termination Low voltage	PCB - Straight
Insert configuration value	2P.M19 - 19 Low V.
Footprint IPC Class3 compatibility	Yes
Class3 Productibility Level Compatibility	B (Moderate Design Producibility - Standard)
Insulator	L: PEEK for solder contacts
Rated current	4.5 A
Test voltage contact-contact	1.48 (kV DC)
Air clearance	0.6 mm
Creepage distance	0.6 mm
Contact Dia.	0.7
Gender	Standard

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), grey
Locking system	Push-pull
Keying	B: 3 keys (alpha=0, gamma=60, Plug: male contacts, Receptacle: female contacts)
Colour	Grey
Weight	7.49 g

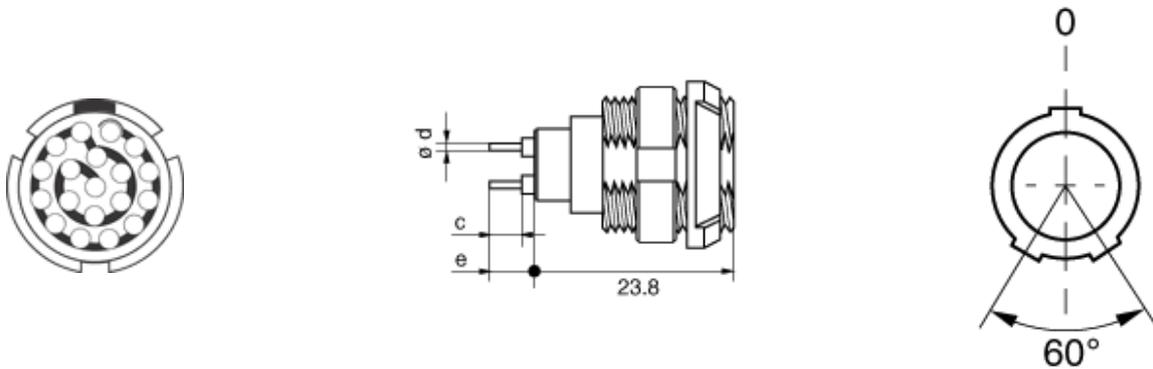
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Environment

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 / +150°C
F ret (max)	250 N
F ret (min)	150 N
Steam sterilization	Complies 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.

Drawings



Dimensions

	c	d	e	N
mm.	3.0-5.7	0.5-0.7	3.0-6.0	23.8
in.				0.94

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CAD

Documents

PCB	Download
PCB Eagle	Download
Kicad	Download
PCB Altium	Download

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