PAJ.M1.0GL.LC65GZ

Image for illustrative purpose only

Summary

Request a quote

Catalog

Number of contacts Low Voltage	10
Wire Size/AWG	34 - 28
Gender	Reverse Gender
Plug	Plug - Straight
Locking system	Push-pull
Jacket cable outside diameter [mm]	5.30 - 6.50 mm
Size	1P
Suggested matching part	PLJ.M1.0GL.AG
Series	REDEL P - Push-Pull

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Technical details

Electrical Configuration	
Contact Termination Low voltage	Solder
R (max)	8.5 mOhm
Insert configuration value	1P.M10 - 10 Low Voltage
Insulator	L: PEEK (UL 94 / V-0/1.5)
Rated current	3 A
Test voltage (kV rms) Contact-contact	0.85
Contact Type	Solder
Max. Solid Conductor	0.09 mm^2 (AWG 28)
Max. Stranded Conductor	0.09 mm^2 (AWG 28)
Air clearance	0.45 mm
Creepage distance	0.45 mm
Bucket Dia.	0.45 mm (0.018in)
Contact Dia.	0.5 mm (0.0201in)
Number of contacts Low Voltage	10
Wire Size/AWG	34 - 28
Gender	Reverse Gender

Form & Material	
Shell style / Model id	PA - Straight plug with cable collet and nut for fitting a bend relief
Plug	Straight
Housing material	PSU (Polysulfone), gray
Locking system	Push-pull
Keying	J: 2 keys (beta=205, Plug: female contacts, Receptacle: male contacts)
Colour	Grey
Variant	Gray collet nut for bend relief
Weight	5.28 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)	150 N
F ret (min)	50 N
Steam sterilization	Fully sterilizable (Steam, Gamma, ETO) following our protocols and tests in line with ISO 11134 and IEC 60601-1 standards. For more details on sterilization methods and cycles, please contact us.

Cable fixation	
Cable termination protection	For cable bend relief
Fixation type	Cable collet
Jacket cable outside diameter [mm]	5.30 - 6.50 mm

Cables

Cable PartNumber	Material	Colour	Cable image
CMN.10.T28.053QGZE	TPR (medical)	Grey	
110280	PVC	Black	

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