



Part Number : [2219910002](#)
Product Description : PowerWize BMI 8.00mm, 2-circuit, Surface Mount, Vertical Header, Tray
Series Number : 221991
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2219910002_sd.pdf](#)
[2219910001-PK-000.pdf](#)

3D Models and Design Files

[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[2219910000-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	221991
Description	PowerWize BMI 8.00mm, 2-circuit, Surface Mount, Vertical Header, Tray
Application	Panel-to-Board, Panel-to-Busbar
Component Type	PCB Header
Product Name	PowerWize BMI
UPC	196823726460

Electrical

Current - Maximum per Contact	175.0A
Voltage - Maximum	1000V

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Diameter	8.00mm
Durability (mating cycles max)	200
First Mate / Last Break	No

Gender	Male
Glow-Wire Capable	No
Keying to Mating Part	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Material - Resin	Liquid Crystal Polymer (LCP)
Net Weight	54.742/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Pitch - Mating Interface	19.00mm
Pitch - Termination Interface	19.00mm
Plating min - Mating	3.750µm
Plating min - Termination	3.750µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
PowerWize BMI 8.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	<u>2155118121</u>

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