



**Part Number :** [2155108031](#)

**Product Description :** PowerWize BMI  
8.00mm, 2-circuit, Screw Mount, Right-Angle  
Header in Tray

**Series Number :** 215510

**Status :** Active

**Product Category :** PCB Headers and  
Receptacles



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## Documents & Resources

### Drawings

[Drawing 2155108031\\_sd.pdf](#)

[Packaging Design Drawing 2155108121-PK-000.pdf](#)

### Specifications

[Application Specification 2155101000-AS-000.pdf](#)

[Product Specification 2155100008-PS-000.pdf](#)

[Test Summary 2155108000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	215510
Description	PowerWize BMI 8.00mm, 2-circuit, Screw Mount, Right-Angle Header in Tray
Application	Panel-to-Board, Panel-to-Busbar, Power
Component Type	PCB Header
Product Family	PowerWize BMI Connectors
Product Name	PowerWize BMI
UPC	195842229099

### Agency

UL	E29179
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### 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
Flammability	94V-0
Glow-Wire Capable	No

Keying to Mating Part	None
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Silver
Material - Resin	Liquid Crystal Polymer
Net Weight	72.380/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm min
Pitch - Mating Interface	19.00mm
Pitch - Termination Interface	19.00mm
Plating min - Mating	3.180µm
Plating min - Termination	3.180µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +125°C
Termination Interface Style	Screw Mount

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## Mates With / Use With

### Mates with Part(s)

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