

Part Number : [2155108241](#)

Product Description : PowerWize BMI 8.00mm, 2-circuit, Solder Tail, Right-Angle Header, Tray

Series Number : 215510

Status : Active

Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

[2155108241_sd.pdf](#)

[2155108121-PK-000.pdf](#)

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

Specifications


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

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

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

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33
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(2024)7663-DC (21 Jan 2025)
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	215510
Description	PowerWize BMI 8.00mm, 2-circuit, Solder Tail, Right-Angle Header, Tray
Application	Panel-to-Board, Power
Component Type	PCB Header
Product Name	PowerWize BMI
UPC	195842229051

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
First Mate / Last Break	No
Flammability	94V-0
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	73.790/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
PC Tail Length	3.50mm
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	Solder

Mates With / Use With

Mates with Part(s)

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

Receptacle Housing, Bag	
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