Part Number : 2155108031
Product Description : PowerWize BMI 8.00mm, 2-circuit, Screw Mount, Right-Angle Header, Tray
Series Number : 215510
Status : Active
Product Category : PCB Headers and Receptacles



Documents and Resources

Drawings

2155108031_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	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(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, Screw Mount, Right-Angle Header, Tray
Application	Panel-to-Board, Panel-to-Busbar, Power
Component Type	PCB Header
Product Name	PowerWize BMI
UPC	195842229099

Agency

UL	E29179

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	None
Lock to Mating Part	None
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

Mates With / Use With

Mates with Part(s)

Description	Part Number
PowerWize BMI 8.00mm, 2-circuit, Black Panel Mount	2155118121

Receptacle Housing, Bag	