



Part Number : [2155106241](#)
Product Description : PowerWize BMI
6.00mm, 2-circuit, Solder Tail, Right-Angle
Header, Tray
Series Number : 215510
Status : Active
Product Category : PCB Headers and
Receptacles



Documents & Resources

Drawings
[Drawing 2155106241_sd.pdf](#)
[Packaging Design Drawing 2155106121-PK-000.pdf](#)

3D Models and Design Files
[3D Model 2155106241_stp.zip](#)

Specifications
[Application Specification 2155101000-AS-000.pdf](#)
[Product Specification 2155100006-PS-000.pdf](#)
[Test Summary 2155106000-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
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

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	215510
Description	PowerWize BMI 6.00mm, 2-circuit, Solder Tail, Right-Angle Header, Tray
Application	Panel-to-Board, Power
Component Type	PCB Header
Product Family	PowerWize BMI Connectors
Product Name	PowerWize BMI
UPC	195842224698

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	110.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
Diameter	6.00mm
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	53.120/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	2.36mm
Pitch - Mating Interface	17.00mm
Pitch - Termination Interface	17.00mm
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 6.00mm, 2-circuit, Black Panel Mount Receptacle Housing, Bag	<u>2155116121</u>