



Part Number : [2046000001](#)
Product Description : PowerWize 8.00mm, 2-circuit, Screw Mount, Black Header in Tray
Series Number : 204600
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources


Drawings
[Drawing 2046000001_sd.pdf](#)
[Packaging Design Drawing 2046000001-PK-000.pdf](#)

3D Models and Design Files
[3D Model 2046000001_stp.zip](#)
[3D Model PDF 2046000001.pdf](#)

Specifications
[Application Specification 2043130001-AS-000.pdf](#)
[Product Specification 2046000001-PS-000.pdf](#)

Product Environment Compliance

Compliance

| | |
|--------------------|---|
| GADSL/IMDS | Not Relevant |
| China RoHS |  |
| EU ELV | Not Relevant |
| Low-Halogen Status | Not Reviewed per IEC 61249-2-21 |
| REACH SVHC | Not Reviewed 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

Part Details

General

| | |
|----------------|--|
| Status | Active |
| Category | PCB Headers and Receptacles |
| Series | 204600 |
| Description | PowerWize 8.00mm, 2-circuit, Screw Mount, Black Header in Tray |
| Application | Power, Wire-to-Board, Wire-to-Busbar |
| Component Type | PCB Header |
| Product Family | PowerWize High-Current Wire-to-Board/Wire-to-Busbar Connectors |
| Product Name | PowerWize |
| UPC | 191128469425 |

Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 200.0A |
| Voltage - Maximum | 600V |

Physical

| | |
|--------------------------------|--------------|
| Breakaway | No |
| Circuits (Loaded) | 2 |
| Circuits (maximum) | 2 |
| Color - Resin | Black |
| Diameter | 8.00mm |
| Durability (mating cycles max) | 200 |
| Glow-Wire Capable | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |

| | |
|--------------------------------|----------------|
| Material - Plating Mating | Silver |
| Material - Plating Termination | Silver |
| Material - Resin | PBT |
| Net Weight | 67.710/g |
| Number of Rows | 1 |
| Orientation | Vertical |
| Packaging Type | Tray |
| Pitch - Mating Interface | 25.00mm |
| 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 8.00mm Receptacle Housings | <u>204601</u> |