



Part Number : [457112000](#)
Product Description : PowerPlane Bus Bar
Assembly, Vertical Mount, Mates to a 25.40mm by
3.17mm Bus Bar, Silver (Ag) Plated
Series Number : 45711
Status : Active
Product Category : PCB Headers and Receptacles
Engineering Number : 045711-2000



Documents & Resources

Drawings

[457112000 sd.pdf](#)
[PK-45711-000-001.pdf](#)

3D Models and Design Files


[STEP AP242](#)
[SOLIDWORKS](#)
[Creo](#)

Specifications

[PS-45711-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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	45711
Description	PowerPlane Bus Bar Assembly, Vertical Mount, Mates to a 25.40mm by 3.17mm Bus Bar, Silver (Ag) Plated
Application	Power
Component Type	PCB Receptacle
Product Name	PowerPlane
UPC	193264517268

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	320.0A
Voltage - Maximum	600V AC

Physical

Circuits (Loaded)	1
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Circuits (maximum)	1
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Silver
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	18.585/g
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	N/A
Plating min - Mating	3.175µm
Plating min - Termination	2.540µm
Polarized to Mating Part	No
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Screw

Mates With / Use With

Use with Part(s)

Description	Part Number
Use With	Customer Supplied (8x32 Thread) Machine Screws