



**Part Number :** [457111000](#)

**Product Description :** PowerPlane Bus Bar Assembly, Vertical Mount, Mates to a 25.40mm by 3.17mm Bus Bar, Gold (Au) Plated

**Series Number :** 45711

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[457111000 sd.pdf](#)

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

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)


### Specifications

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

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## 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(2025)4165-DC (25 June 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

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## 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, Gold (Au) Plated
Application	Power
Component Type	PCB Receptacle
Product Name	PowerPlane
UPC	822348829132

### Agency

CSA	LR19980
UL	E29179

### 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	No
Lock to Mating Part	No
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
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	0.762µm
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