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**Part Number:** [45732-0001](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Jr.™ Power Connectors](#)  
**Description:** Mini-Fit® Jr. PCI Express\*, High End Graphics Add-In Card Applications Only, 6 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-45558-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family PCB Headers  
Series [45732](#)  
Application Power, Wire-to-Board  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Product Name Mini-Fit Jr.™  
UPC 822348184774

**Physical**

Breakaway No  
Circuits (Loaded) 6  
Circuits (maximum) 6  
Color - Resin Black  
Durability (mating cycles max) 30  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 2.249/g  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 3.60mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.80mm  
Packaging Type Tray  
Pitch - Mating Interface 4.20mm  
Polarized to PCB Yes  
Shrouded Partial  
Stackable No  
Surface Mount Compatible (SMC) Yes  
Temperature Range - Operating -40°C to +105°C  
Termination Interface: Style Through Hole

**Electrical**

Current - Maximum per Contact 8A  
Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 30  
Lead-free Process Capability SMC & Wave Capable (TH only)  
Max. Cycles at Max. Process Temperature 1  
Process Temperature max. C 260

**Material Info**

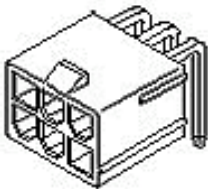


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Series

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[45732Series](#)

**Mates With**

[45559-0002](#) Receptacle

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-45558-001

SD-45732-001

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