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**Part Number:** [0457320001](#)  
**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-45558-001-001 \(PDF\)](#)  
[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 Capable 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° to +105°C  
 Termination Interface: Style Through Hole

**Electrical**

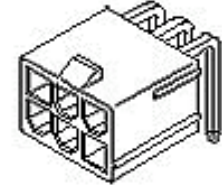
Current - Maximum per Contact 8.0A  
 Voltage - Maximum 600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds) 030  
 Lead-freeProcess Capability SMC&WAVE  
 Max. Cycles at Max. Process Temperature 001  
 Process Temperature max. C 260

**Material Info**

**Reference - Drawing Numbers**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/61/2018 (27 June  
 2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[45732](#) Series

**Mates With**

[45559-0002](#) Receptacle

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