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**Part Number:** **0455580003**  
**Status:** **Active**  
**Overview:** Mini-Fit Jr.™ Power Connectors  
**Description:** Mini-Fit Jr.™ Header, Dual Row, Right Angle, 6 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating, without Drain Holes

**Documents:**

[3D Model](#) [Packaging Specification PK-5569-002 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45558-001 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [45558](#)  
Application Power, Wire-to-Board  
Comments 11A max. with 45750 Series Terminals  
Overview [Mini-Fit Jr.™ Power Connectors](#)  
Product Name Mini-Fit Jr.™  
UPC 822350604215

**Physical**

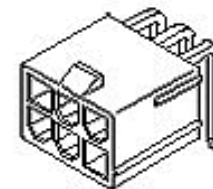
Breakaway No  
Circuits (Loaded) 6  
Circuits (maximum) 6  
Color - Resin Black  
Flammability 94V-0  
Glow-Wire Compliant No  
Lock to Mating Part Yes  
Material - Metal Brass  
Material - Plating Mating Tin  
Material - Plating Termination Nickel  
Material - Resin Nylon  
Net Weight 2.229/g  
Number of Rows 2  
Orientation Right Angle  
PC Tail Length 3.60mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.78mm  
Packaging Type Tray  
Pitch - Mating Interface 4.20mm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded Partial  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40°C 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) 005



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[45558](#) Series

Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-5569-002
Product Specification	PS-45558-001
Sales Drawing	SD-45558-001

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