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

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

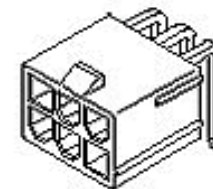
Breakaway No
Circuits (Loaded) 6
Circuits (maximum) 6
Color - Resin Black
Flammability 94V-0
Glow-Wire Compliant No
Lock to Mating Part Yes
Material - Metal Brass
Material - Plating Mating Tin
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 2.229/g
Number of Rows 2
Orientation 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
Please visit the [Contact Us](#) section for any
non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[45558 Series](#)

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

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5569-002-001
Product Specification	PS-45558-001-001
Sales Drawing	SD-45558-001-000

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