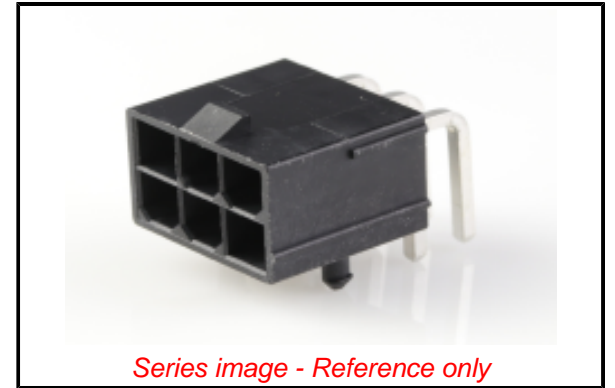


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **0455580003**  
**Status:** **Active**  
**Overview:** Mini-Fit Family 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:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-5569-002-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-5556-002-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Symbol Footprint Data SYM-45558-0003-001 (PDF)</a>
<a href="#">Product Specification PS-45558-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

UL E29179

**General**

Product Family	PCB Headers
Series	45558
Application	Power, Wire-to-Board
Comments	11A max. with 45750 Series Terminals
Overview	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	Mini-Fit Jr.
UPC	822350604215

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Flammability	94V-0
Glow-Wire Capable	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° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Solder Process Data**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[45558 Series](#)

Duration at Max. Process Temperature (seconds)	005
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
Symbol/Footprint Data	SYM-45558-0003-001
Test Summary	TS-5556-002-001

This document was generated on 09/13/2021

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