



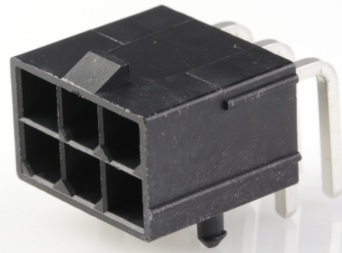
Part Number : [455580003](#)

Product Description : Mini-Fit Jr. Header, Dual Row, Right-Angle, 6 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating, without Drain Holes

Series Number : 45558

Status : Active

Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

[Drawing 455580003_sd.pdf](#)

3D Models and Design Files

[3D Model 455580003_stp.zip](#)

[3D Model PDF 455580003.pdf](#)

[Symbol Footprint Data SYM-45558-0003-001.zip](#)

Specifications

[Packaging Specification PK-5569-002-001.pdf](#)

[Product Specification PS-45558-001-001.pdf](#)

[Test Summary TS-5556-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	45558
Description	Mini-Fit Jr. Header, Dual Row, Right-Angle, 6 Circuits, PA Polyamide Nylon 6/6 94V-0, Tin (Sn) Plating, without Drain Holes
Application	Power, Wire-to-Board
Comments	11A max. with 45750 Series Terminals
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Jr.
UPC	822350604215

Agency

UL	E29179
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Electrical

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

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
Packaging Type	Tray
PC Tail Length	3.60mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.78mm
Pitch - Mating Interface	4.20mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	240