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Part Number: [0460151402](#)

Status: **Active**

Overview: Mini-Fit Family Power Connectors

Description: Mini-Fit Plus Header, Dual Row, Vertical, 14 Circuits, without Snap-in Plastic Peg PCB Lock, without Drain Holes, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) 1.27µm Over Nickel (Ni) Plating

Documents:

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification PS-45750-001-001 \(PDF\)](#)

[Packaging Specification PK-5566-001-001 \(PDF\)](#)

[Test Summary TS-5566-002-001 \(PDF\)](#)

[Symbol Footprint Data SYM-46015-1402-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980

UL E29179

General

Product Family PCB Headers

Series [46015](#)

Application Power, Wire-to-Board

Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current de-rating information.

Overview [Mini-Fit Family Power Connectors](#)

Product Name Mini-Fit Plus

UPC 822350737494

Physical

Breakaway No

Circuits (Loaded) 14

Circuits (maximum) 14

Color - Resin Natural

Durability (mating cycles max) 75

First Mate / Last Break No

Flammability 94V-0

Glow-Wire Capable No

Guide to Mating Part No

Keying to Mating Part None

Lock to Mating Part Yes

Material - Metal Copper Alloy

Material - Plating Mating Tin

Material - Plating Termination Tin

Material - Resin Nylon

Net Weight 4.072/g

Number of Rows 2

Orientation Vertical

PC Tail Length 1.80mm

PCB Locator Yes

PCB Retention None

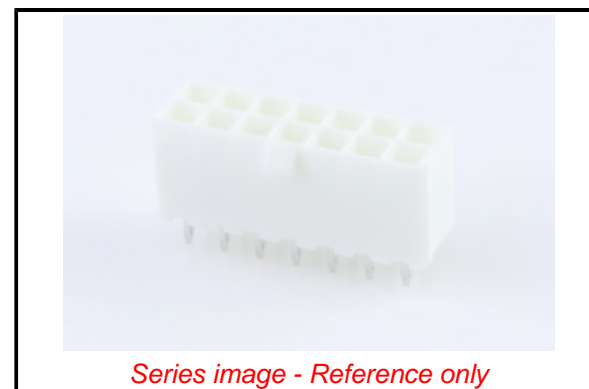
PCB Thickness - Recommended 1.78mm

Packaging Type Tray

Pitch - Mating Interface 4.20mm

Plating min - Mating 2.540µm

Plating min - Termination 1.270µm



Series image - Reference only

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

[46015](#) Series

Mates With

[5557](#) Mini-Fit Jr. Receptacle Housing

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

Solder Process Data

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info**Reference - Drawing Numbers**

Packaging Specification	PK-5566-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46015-001-000
Symbol/Footprint Data	SYM-46015-1402-001
Test Summary	TS-5566-002-001

This document was generated on 01/03/2022

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