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**Part Number:** [0460152402](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Plus Connector System](#)  
**Description:** Mini-Fit Plus Header, Dual Row, Vertical, 24 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](#) [Product Specification TS-5566-002-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#)

**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 derating information.  
 Overview [Mini-Fit Plus Connector System](#)  
 Product Name Mini-Fit Plus  
 UPC 822350737944

**Physical**

Breakaway No  
 Circuits (Loaded) 24  
 Circuits (maximum) 24  
 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 6.830/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  
 Polarized to Mating Part Yes



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/61/2018 (27 June 2018)

**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 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**

Product Specification	PS-45750-001-001, TS-5566-002-001
Sales Drawing	SD-46015-001-000

This document was generated on 10/08/2018

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