

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0460152407](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus Header, Dual Row, Vertical, 24 Circuits, with Snap-in Plastic Peg PCB Lock, without Drain Holes, PA Polyamide Nylon 6/6, UL 94V-2, Tin (Sn) 1.27µm Over Nickel (Ni) Plating

Documents:

[3D Model](#) [Test Summary 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](#)
 3D Viewer Yes
 Application Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 13.0
 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.
 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 Plus Connector System](#)
 PITCH-MATING-NUMERIC 4.20
 Product Name Mini-Fit Plus
 UPC 822350737999

Physical

Breakaway No
 Circuits (Loaded) 24
 Circuits (maximum) 24
 Color - Resin Natural
 Durability (mating cycles max) 75
 First Mate / Last Break No
 Flammability 94V-2
 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 5.163/g
 Number of Rows 2
 Orientation Vertical
 PC Tail Length 1.80mm



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46015](#) Series

Mates With

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

| | |
|--------------------------------|----------------|
| PCB Locator | Yes |
| PCB Retention | Yes |
| 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 |
| 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 | 240 |

Material Info

Reference - Drawing Numbers

| | |
|-----------------------|------------------|
| Product Specification | PS-45750-001-001 |
| Sales Drawing | SD-46015-001-000 |
| Symbol/Footprint Data | SYM-46015-2403 |
| Test Summary | TS-5566-002-001 |

This document was generated on 09/25/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46015-2407](#)