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Part Number: [0460150203](#)

Status: **Active**

Overview: [Mini-Fit Plus Connector System](#)

Description: Mini-Fit® Plus Header, Dual Row, Vertical, 2 Circuits, with 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](#)

[Drawing \(PDF\)](#)

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

[Product Specification TS-5566-002-001 \(PDF\)](#)

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

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

Agency Certification

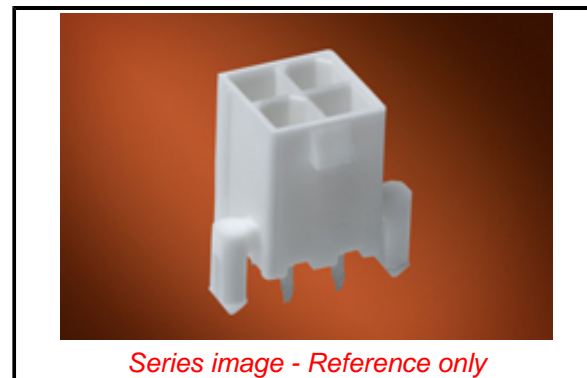
CSA LR19980
UL E29179

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.
[Mini-Fit Plus Connector System](#)
Overview [Mini-Fit Plus Connector System](#)
Product Name Mini-Fit® Plus
UPC 822350736640

Physical

Breakaway No
Circuits (Loaded) 2
Circuits (maximum) 2
Color - Resin Natural
Durability (mating cycles max) 75
First Mate / Last Break No
Flammability 94V-0
Glow-Wire Compliant 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 0.684/g
Number of Rows 2
Orientation Vertical
PC Tail Length 1.80mm
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/30/2017 (7 July 2017)

Halogen-Free Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS Green Image
ELV Not Relevant
RoHS Phthalates 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°C 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**

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

This document was generated on 08/30/2017

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