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Part Number: [0460152406](#)
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-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.
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 Overview [Mini-Fit Plus Connector System](#)
 PITCH-MATING-NUMERIC 4.20
 Product Name Mini-Fit Plus
 UPC 822350737982

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 6.596/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	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
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
Sales Drawing	SD-46015-001-000
Symbol/Footprint Data	SYM-46015-2402
Test Summary	TS-5566-002-001

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