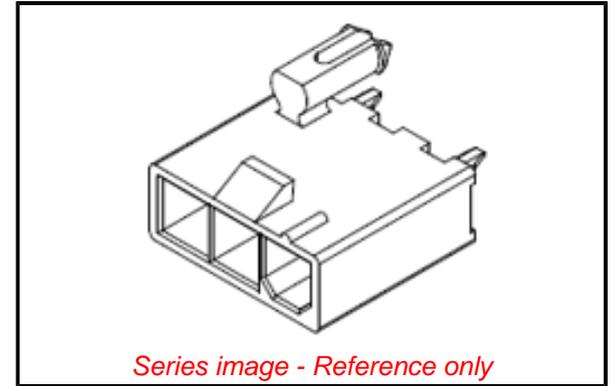


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Part Number: [0460143001](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus Header, 4.20mm Pitch, Single Row, Vertical, 3 Circuits -2 Circuits Voided, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, Gold (Au) 0.76µm Over Nickel (Ni) Plating

Documents:

[3D Model](#) [Packaging Specification PK-5566-002-000 \(PDF\)](#)
[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 [46014](#)
 3D Viewer Yes
 Application Board-to-Board, Power, Wire-to-Board
 CURRENT-MAX-NUMERIC 11.5, 12.5
 Comments 11.5A When using as Board-to-Board Applications|
 12.5A When Using as Wire-to-Board, 11.5A When using
 as Board-to-Board Applications|12.5A When Using as
 Wire-to-Board
 Overview [Mini-Fit Plus Connector System](#)
 PITCH-MATING-NUMERIC 4.20
 Product Name Mini-Fit Plus
 UPC 884982067721

Physical

Breakaway No
 Circuits (Loaded) 3
 Circuits (maximum) 3
 Color - Resin Natural
 Durability (mating cycles max) 100
 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 Gold
 Material - Plating Termination Nickel
 Material - Resin Nylon
 Net Weight 0.771/g
 Number of Rows 1
 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
 Polarized to Mating Part Yes

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

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[46014 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	11.5A, 12.5A
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-5566-002-000
Product Specification	PS-45750-001-001
Sales Drawing	SD-46014-004-000

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