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Part Number: [46014-0504](#)
Status: **Active**
Overview: [Mini-Fit® Plus Connector System](#)
Description: Mini-Fit® Plus Header, 4.20mm Pitch, Single Row, Vertical, 5 Circuits, 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](#) [Product Specification PS-45750-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Headers
Series [46014](#)
Application Board-to-Board, Power, Wire-to-Board
Comments 11.5A When using as Board-to-Board and Wire-to-Board
Overview [Mini-Fit® Plus Connector System](#)
Product Name Mini-Fit® Plus
UPC 884982067806

Physical

Breakaway No
Circuits (Loaded) 5
Circuits (maximum) 5
Color - Resin Natural
Durability (mating cycles max) 250
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 Gold
Material - Plating Termination Nickel
Material - Resin Nylon
Net Weight 1.331/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
Polarized to PCB Yes
Shrouded Fully
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C

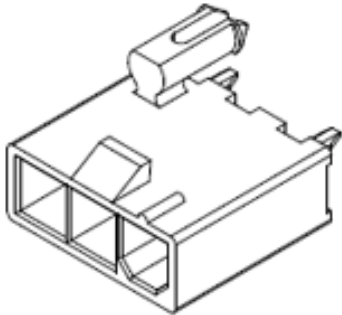


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Series

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[46014Series](#)

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

Termination Interface: Style	Through Hole
Electrical	
Current - Maximum per Contact	11.5A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	5
Lead-free Process Capability	Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	240
Material Info	
Reference - Drawing Numbers	
Product Specification	PS-45750-001
Sales Drawing	SD-46014-001

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