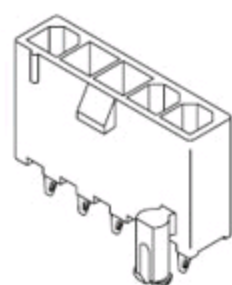


[Home: PCB Headers](#) >

## Part Number: 46014-0303

Mini-Fit® Plus Header, 4.20mm Pitch, Single Row, Vertical, 3 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Gold (Au) 0.76µm Over Nickel (Ni) Plating



Status:	<b>OBSOLETE</b>
Replacement:	46014-0307

<b>Series:</b>	<a href="#">46014</a>
<b>Category:</b>	PCB Headers
<b>Overview:</b>	<a href="#">Mini-Fit Plus Connector</a> System

[Go to Part Detail▼](#) [Add to My Parts](#)

**Mates With Part(s):**  
5557 Mini-Fit Jr™ Receptacle Housing

## Product Environmental Compliance

**FU FL V:**Product not active

**EU RoHS:**Product not active

**EU RoHS Phthalates:**Product not active

**China RoHS:**

**REACH SVHC:**Product not active

**Low-Halogen Status:**Product not active

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

Multiple Part Product Compliance Statements  
EU RoHS, REACH SVHC, & Low-Halogen

 Multiple Part Industry Compliance Documents

- \*IPC 1752A Class C
- \*IPC 1752A Class D
- \*Molex Product Compliance Declaration

Questions on Product Environmental Compliance? Email [ProductCompliance@molex.com](mailto:ProductCompliance@molex.com)

Request Molex's CMRT from [conflictminerals@molex.com](mailto:conflictminerals@molex.com)

### Part Detail

COLLAPSE ALL

## ▼ General

Status	Obsolete
Category	PCB Headers
Series	<a href="#">46014</a>
Application	Board-to-Board, Power, Wire-to-Board
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> 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	<a href="#">Mini-Fit Plus Connector System</a>
Product Name	Mini-Fit® Plus
UPC	800756805238

## ▼ Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	100
First Mate / Last Break	No
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	Tin
Material - Resin	Nylon
Net Weight	0.849/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
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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
Termination Interface: Style	Through Hole

## Electrical

(Please review the Product Specification for specific details.)

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

## ▼ Solder Process Data

### Solderability Shelf Life Statement

Duration at Max. Process Temperature (seconds)	005
Lead-freeProcess Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

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- Connectors
- Copper Flex
- Electrical Products
- Industrial Automation
- Membrane Switches
- Optical Solutions
- Printed Electronic Solutions

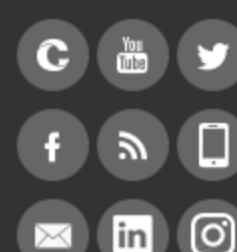
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