



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



Series image - Reference only

Status:	OBSOLETE
Replacement:	46014-0307
Series:	46014
Category:	PCB Headers
Overview:	Mini-Fit Plus Connector System

CHECK DISTRIBUTOR INVENTORY

Add to My Parts

Email this page

Go to [Part Detail](#) ▾

Mates With Part(s):

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

Product Environmental Compliance

[EU ELV](#): 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

Application Tooling

FAQ

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)Questions on Product Environmental Compliance? Email ProductCompliance@molex.comRequest Molex's CMRT from conflictminerals@molex.com

Part Detail

COLLAPSE ALL

General

Status	Obsolete
Category	PCB Headers
Series	46014
Application	Board-to-Board, 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.
Overview	Mini-Fit Plus Connector System
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-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240