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Part Number:

0460140301

Status:

Obsolete

Overview:

minifit_plus_hcs

Description:

4.20mm (.165") Pitch Mini-Fit® Plus HCS Header, Single Row, Vertical, 3 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-2, Tin (Sn) 2.54µm (100µ") Over Nickel (Ni) Plating

Documents:

[Drawing \(PDF\)](#)

Agency Certification

UL

E29179

General

Product Family

Series

Application

Comments

Overview

Product Name

PCB Headers

46014

Board-to-Board, Power, Wire-to-Board

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.

minifit_plus_hcs

Mini-Fit® Plus HCS

Physical

Breakaway

Circuits (Loaded)

Circuits (maximum)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Flammability

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Metal

Material - Plating Mating

Material - Plating Termination

Material - Resin

Number of Rows

Orientation

PC Tail Length

PCB Locator

PCB Retention

PCB Thickness - Recommended

Packaging Type

Pitch - Mating Interface

Plating min - Mating

Plating min - Termination

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

No

3

3

Natural

50

No

94V-2

No

No

None

Yes

Copper Alloy

Tin

Tin

Nylon

1

Vertical

1.80mm (.071")

Yes

Yes

1.78mm (.070")

Tray

4.20mm (.165")

0.762µm (30µ")

2.540µm (100µ")

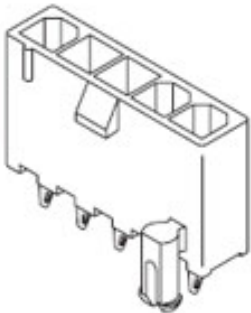
Yes

Yes

Fully

No

No



Series

image - Reference only

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Reviewed

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

Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	13A
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

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