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Part Number: [0460150600](#)
Status: **Obsolete**
Overview: [minifit_plus_hcs](#)
Description: 4.20mm (.165") Pitch Mini-Fit® Plus HCS Header, Dual Row, Vertical, 6 Circuits, without Snap-in Plastic Peg PCB Lock, with Drain Holes, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) 1.27µm (50µ") Over Nickel (Ni) Plating

Documents:
[Drawing \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	46015
Application	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	minifit_plus_hcs
Product Name	Mini-Fit® Plus HCS

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural
Durability (mating cycles max)	75
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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm (.071")
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.78mm (.070")
Packaging Type	Tray
Pitch - Mating Interface	4.20mm (.165")
Plating min - Mating	2.540µm (100µ")
Plating min - Termination	1.270µm (50µ")
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Low-Halogen Status

Low-Halogen

China RoHS



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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

[46015Series](#)

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	260

Material Info

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