

**Part Number: 46015-0800**

4.20mm Pitch Mini-Fit® Plus HCS Header, Dual Row, Vertical, 8 Circuits, without Snap-in Plastic Peg PCB Lock, with Drain Holes, PA Polyamide Nylon 6/6, UL 94V-0, Tin (Sn) 1.27µm Over Nickel (Ni) Plating



Series image - Reference only

Status:	OBSOLETE
Replacement:	460150802
Series:	46015
Category:	PCB Headers
Overview:	Mini-Fit® Plus HCS

Mates With Part(s):

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

Product Environmental Compliance

[EU RoHS](#): ELV and RoHS Compliant

[China RoHS](#):

[REACH SVHC](#): Contains SVHC: No

[Low-Halogen Status](#): Not Reviewed

Part Detail**General**

Status	Obsolete
Category	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	Mini-Fit® Plus HCS
Product Name	Mini-Fit® Plus HCS

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	75
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	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.80mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.78mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	1.270µm
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	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

Max. Speed at Max. Process Temperature	±
Process Temperature max. C	260

Material Info

UPC	822350737203
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Application Tooling

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](#)