

**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Status:	OBsolete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 CYCLES AT MAX PROCESS TEMPERATURE

Process Temperature max. C	260
Material Info	
UPC	822350737203

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](#)