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**Part Number:** [46014-0306](#)

**Status:** **Active**

**Description:** 4.20mm 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-0, Gold (Au) 0.76µm Over Nickel (Ni) Plating

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-45750-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

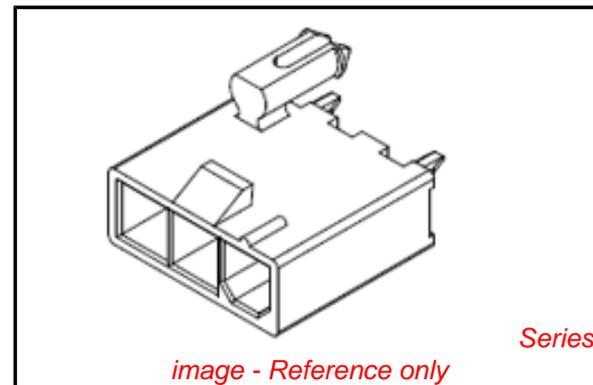
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [46014](#)  
Application Board-to-Board, Power, Wire-to-Board  
Comments 11.5A When using as Board-to-Board Applications|  
12.5A When Using as Wire-to-Board  
Product Name Mini-Fit® Plus HCS  
UPC 884982067479

**Physical**

Breakaway No  
Circuits (Loaded) 3  
Circuits (maximum) 3  
Color - Resin Natural  
Durability (mating cycles max) 250  
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 Gold  
Material - Plating Termination Nickel  
Material - Resin Nylon  
Net Weight 0.847/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  
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



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto: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](#)

**Electrical**

Current - Maximum per Contact 11.5A, 12.5A  
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****Reference - Drawing Numbers**

Product Specification PS-45750-001  
Sales Drawing SD-46014-003

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