

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0444721653](#)
Status: **Active**
Overview: Mini-Fit® Plus HCS
Description: Mini-Fit® HCS Header, 4.20mm Pitch, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 16 Circuits, PA Polyamide Nylon 6/6 94V-0, with Drain Holes

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5566-001 \(PDF\)](#)
[Product Specification PS-44476-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification TS-5566-002-001 \(PDF\)](#)

Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [44472](#)
 Application Power, Wire-to-Board
 Comments Square Pin|Solder Type
 Overview [Mini-Fit® Plus HCS](#)
 Product Name Mini-Fit® HCS
 UPC 800754239141

Physical

Breakaway No
 Circuits (Loaded) 16
 Circuits (maximum) 16
 Color - Resin Natural (White)
 Durability (mating cycles max) 30
 Flammability 94V-0
 Glow-Wire Compliant No
 Material - Metal High Performance Alloy (HPA)
 Material - Plating Mating Tin
 Material - Plating Termination Tin
 Material - Resin Nylon
 Net Weight 3.431/g
 Number of Rows 2
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 PCB Thickness - Recommended 1.80mm
 Packaging Type Tray
 Pitch - Mating Interface 4.20mm
 Plating min - Mating 2.540µm
 Plating min - Termination 2.540µm
 Polarized to PCB Yes
 Shrouded Partial
 Stackable No
 Surface Mount Compatible (SMC) No
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 11.0A
 Voltage - Maximum 600V

Solder Process Data



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

**Halogen-Free
 Status**

Low-Halogen

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

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any
 non-product compliance questions.

China ROHS Green Image
 ELV Not Relevant
 RoHS Phthalates Not Contained

Search Parts in this Series

[44472 Series](#)

Mates With

[5557 Dual Row](#)

| | |
|--|------|
| Duration at Max. Process Temperature (seconds) | 005 |
| Lead-freeProcess Capability | WAVE |
| Max. Cycles at Max. Process Temperature | 001 |
| Process Temperature max. C | 240 |

Material Info

| | |
|--------------------|--------------|
| Engineering Number | A-44472-1653 |
|--------------------|--------------|

Reference - Drawing Numbers

| | |
|-------------------------|-----------------------------------|
| Packaging Specification | PK-5566-001 |
| Product Specification | PS-44476-001-001, TS-5566-002-001 |

This document was generated on 05/23/2017

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION