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Part Number: [0444721255](#)

Status: **Active**

Overview: [Mini-Fit® Plus HCS](#)

Description: Mini-Fit® HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 12 Circuits, PA Polyamide Nylon 6/6 94V-0, without Drain Holes

Documents:

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-44476-001 \(PDF\)](#)

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

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 800754913348

Physical

Breakaway No

Circuits (Loaded) 12

Circuits (maximum) 12

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 3.425/g

Number of Rows 2

Orientation Vertical

PCB Locator Yes

PCB Retention None

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

Duration at Max. Process Temperature (seconds) 005



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Contains SVHC(2014

December 17): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

[44472 Series](#)

Mates With

[5557 Dual Row](#)

Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

Material Info

Reference - Drawing Numbers

Product Specification PS-44476-001, RPS-44476-001

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