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Part Number:

0444721257

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, with Drain Holes

Documents:

Drawing (PDF)

Product Specification PS-44476-001-001 (PDF)

Product Specification TS-5566-002-001 (PDF)

Packaging Specification PK-5566-001 (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

800754367110

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

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	260

Material Info

Engineering Number	A-44472-1257
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Reference - Drawing Numbers

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

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