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Part Number:

0444722453

Status:

Active

Overview:

minifit_plus_hcs

Description:

4.20mm Pitch Mini-Fit® HCS™ Header, Dual Row, Vertical, with Snap-in Plastic Peg
PCB Lock, 24 Circuits, PA Polyamide Nylon 6/6 94V-0, with 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

minifit_plus_hcs

Product Name

Mini-Fit® HCS

Physical

Breakaway

No

Circuits (Loaded)

24

Circuits (maximum)

24

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

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

11A

Voltage - Maximum

600V

Solder Process Data

Duration at Max. Process Temperature (seconds)

5

Lead-free Process Capability

Wave Capable (TH only)



image - Reference only

Series

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
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

44472Series

Mates With

5557d

Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	240

Material Info

Reference - Drawing Numbers

Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SDA-44472-****

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