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Part Number: [0444721850](#)
Status: **Active**
Overview: [minifit_plus_hcs](#)
Description: 4.20mm Pitch Mini-Fit® HCS™ Header, Dual Row, Vertical, with Snap-in Plastic Peg
PCB Lock, 18 Circuits, PA Polyamide Nylon 6/6 94V-2, without Drain Holes

Documents:

3D Model	Product Specification PS-44476-001 (PDF)
Drawing (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)	18
Circuits (maximum)	18
Color - Resin	Natural
Durability (mating cycles max)	30
Flammability	94V-2
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)



Series

image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

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

China RoHS



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environmental compliance?**

Email productcompliance@molex.com
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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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