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Part Number:

0444722452

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, 24 Circuits, PA Polyamide Nylon 6/6 94V-2, 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	Mini-Fit® Plus HCS
Product Name	Mini-Fit® HCS
UPC	800754914291
Physical	
Breakaway	No
Circuits (Loaded)	24
Circuits (maximum)	24
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
Net Weight	4.942/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	
Duration at Max. Process Temperature (seconds)	005



Series image - Reference only

EU ELV
Not Relevant

<u>EU RoHS</u> Compliant	<u>China RoHS</u>
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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	Green Image
ELV	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		240
Material Info		
Reference - Drawing Numbers		
Product Specification		PS-44476-001, RPS-44476-001

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