



Part Number : [5019390400](#)

Product Description : Mini-Fit HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 20 Circuits, PA Polyamide Nylon 6/6 94V-0, without Drain Holes

Series Number : 44472

Status : Active

Product Category : PCB Headers and Receptacles

Engineering Number : A-44472-2055



Documents & Resources

Drawings

[Packaging Design Drawing PK-5566-001-001.pdf](#)

Specifications

[Product Specification PS-44476-001-001.pdf](#)

[Test Summary TS-5566-002-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	44472
Description	Mini-Fit HCS Header, 4.20mm Pitch, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 20 Circuits, PA Polyamide Nylon 6/6 94V-0, without Drain Holes
Application	Power, Wire-to-Board
Comments	Square Pin, Solder Type
Component Type	PCB Header
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit HCS
UPC	800754239165

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	11.0A
Voltage - Maximum	600V

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Durability (mating cycles max)	30
Flammability	94V-0

Glow-Wire Capable	No
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	5.567/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.80mm
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Solder Process Data

Max-Duration	5
Lead-Free Process Capability	WAVE
Max-Cycle	1
Max-Temp	260

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

Global

Description	Part Number
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Extraction Tool for Pico-Clasp Wire- to-Board Terminals, 28-32 AWG	<u>0638131700</u>
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