

Part Number : 444751021

Product Description : Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 10 Circuits

Series Number : 44475

Status : Active

Product Category : PCB Headers and Receptacles

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## Documents & Resources

### Drawings

Drawing 444751021\_sd.pdf

Packaging Design Drawing PK-42385-999-001.pdf

### Specifications

Product Specification PS-44476-001-001.pdf

Product Specification 510211001-PS-CHI-000.pdf

Product Specification 510211001-PS-JAP-000.pdf

Product Specification 510211001-PS-KOR-000.pdf

Product Specification 510211001-PS-SPA-000.pdf

Test Summary 423850000-TS-000.pdf

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## 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)8585-DC (23 Jan 2024)
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

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	44475
Description	Mini-Fit HCS Receptacle Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 10 Circuits
Application	Board-to-Board, Power, Wire-to-Board
Comments	Solder Type, With Pegs
Component Type	PCB Receptacle
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit HCS
UPC	800754915724

#### Agency

CSA	LR19980
UL	E29179

#### Electrical

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

#### Physical

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-0

Glow-Wire Capable	No
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	2.119/g
Number of Rows	2
Orientation	Vertical
Packaging Type	Tray
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	4.20mm
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Polarized to PCB	Yes
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	240

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mini-Fit BMI Right-Angle Dual Row Headers	<u>42404</u>
Mini-Fit BMI Dual Row Plug Housings	<u>42475</u>
Mini-Fit BMI Right-Angle Dual Row Headers	<u>43810</u>
Mini-Fit BMI Vertical Dual Row Headers	<u>44068</u>

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