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Part Number: [0444721052](#)
Status: **Active**
Description: 4.20mm (.165") Pitch Mini-Fit HCS™ Header, Dual Row, Vertical, with Snap-in Plastic Peg PCB Lock, 10 Circuits, PA Polyamide Nylon 6/6 94V-2, with Drain Holes

Documents:

| | |
|---|--|
| 3D Model | Product Specification PS-44476-001 (PDF) |
| Packaging Specification (PDF) | RoHS Certificate of Compliance (PDF) |
| Drawing (PDF) | |

General

| | |
|----------------|------------------------|
| Product Family | PCB Headers |
| Series | 44472 |
| Application | Wire-to-Board |
| Comments | Square Pin Solder Type |
| Product Name | Mini-Fit HCS™ |

Physical

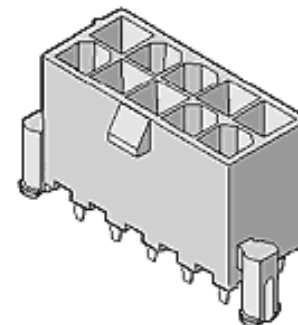
| | |
|--------------------------------|------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 10 |
| Circuits (maximum) | 10 |
| Color - Resin | Natural |
| Durability (mating cycles max) | 30 |
| Flammability | 94V-2 |
| Glow-Wire Compliant | No |
| Material - Metal | High Performance 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 (in) | 0.070 In |
| PCB Thickness Recommended (mm) | 1.80 mm |
| Packaging Type | Tray |
| Pitch - Mating Interface (in) | 0.165 In |
| Pitch - Mating Interface (mm) | 4.20 mm |
| Plating min: Mating (µin) | 100 |
| Plating min: Mating (µm) | 2.50 |
| Plating min: Termination (µin) | 100 |
| Plating min: Termination (µm) | 2.50 |
| 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

| | |
|-------------------|---------|
| CSA | LR19980 |
| Current - Maximum | 10A |
| UL | E29179 |
| Voltage - Maximum | 600V |

Solder Process Data

| | |
|--|---|
| Duration at Max. Process Temperature (seconds) | 5 |
|--|---|



Series image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Contains SVHC: No

Halogen-Free

Status

Not Reviewed

China RoHS



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non-product compliance questions.

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[5557d](#)

| | |
|---|------------------------|
| Lead-free Process Capability | Wave Capable (TH only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 240 |

Material Info

Reference - Drawing Numbers

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

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