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**Part Number:** [0444722256](#)  
**Status:** **Active**  
**Overview:** [minifit\\_plus\\_hcs](#)  
**Description:** 4.20mm Pitch Mini-Fit® HCS™ Header, Dual Row, Vertical, without Snap-in Plastic Peg PCB Lock, 22 Circuits, PA Polyamide Nylon 6/6 94V-2, with Drain Holes

**Documents:**

[3D Model](#) [Product Specification PS-44476-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">44472</a>
Application	Power, Wire-to-Board
Comments	Square Pin Solder Type
Overview	<a href="#">minifit_plus_hcs</a>
Product Name	Mini-Fit® HCS

**Physical**

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
Color - Resin	Natural
Durability (mating cycles max)	30
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	None
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

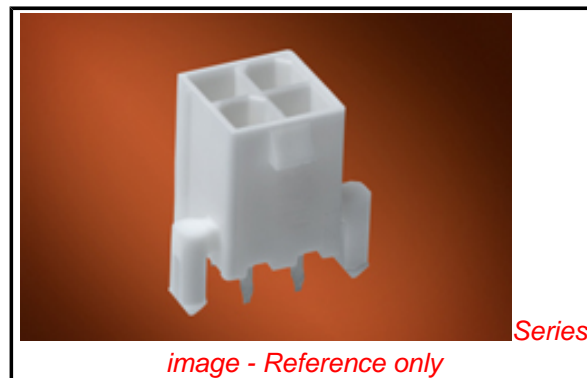
**Electrical**

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)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Not Reviewed**

**China RoHS**



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**Search Parts in this Series**

[44472Series](#)

**Mates With**

[5557d](#)

**Reference - Drawing Numbers**

Product Specification

PS-44476-001, RPS-44476-001

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