

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0444750421](#)
Status: **Active**
Overview: [minifit_plus_hcs](#)
Description: 4.20mm Pitch Mini-Fit® HCS Receptacle Header, Dual Row, Vertical, Blind Mating, with Snap-in Plastic Pegs, 4 Circuits

Documents:

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

Agency Certification

CSA LR19980
UL E29179

General

Product Family PCB Receptacles
Series [44475](#)
Application Board-to-Board, Power, Wire-to-Board
Comments Solder Type|With Pegs
Overview [minifit_plus_hcs](#)
Product Name Mini-Fit® HCS

Physical

Circuits (Loaded) 4
Color - Resin Natural (White)
Durability (mating cycles max) 30
Flammability 94V-0
Glow-Wire Compliant No
Material - Metal Copper
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 1.60mm
Packaging Type Tray
Pitch - Mating Interface 4.20mm
Plating min - Mating 2.540µm
Plating min - Termination 2.540µm
Polarized to PCB Yes
Surface Mount Compatible (SMC) No
Temperature Range - Operating -40°C to +105°C
Termination Interface: Style Through Hole

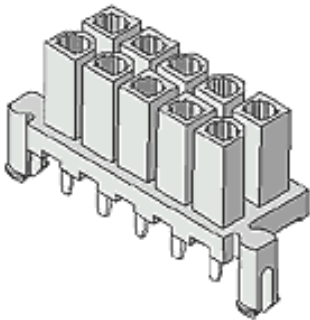
Electrical

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 240

Material Info



*Series
image - Reference only*

EU RoHS
ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
[44475Series](#)

Mates With
Mini-Fit® SMC 44068 , 43810 , Mini-Fit® BMI Header 42404 , Mini-Fit® HCS [44474](#) , Mini-Fit® BMI Plug Housing 42475

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-44476-001, RPS-44476-001
SDA-44475-****

This document was generated on 01/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[44475-0421](#)