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Part Number: [0444751821](#)
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, 18 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) 18
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

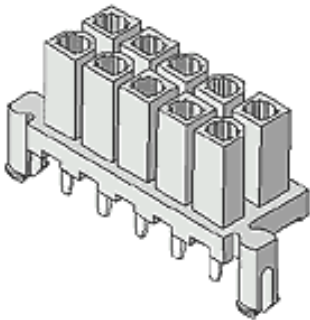
Electrical

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-****

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