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**Part Number:** [0444752411](#)  
**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, 24 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) 24  
Color - Resin Natural  
Durability (mating cycles max) 30  
Flammability 94V-2  
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

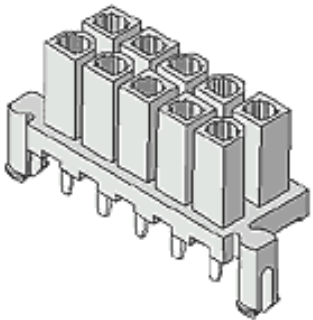
**Electrical**

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**



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environmental compliance?**

Email [productcompliance@molex.com](mailto: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

Old Part Number

A-44475-2411

**Reference - Drawing Numbers**

Product Specification

PS-44476-001, RPS-44476-001

Sales Drawing

SDA-44475-\*\*\*\*

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