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Part Number: [0444751421](#)
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, 14 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)	14
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

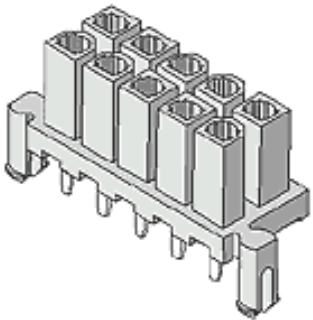
Electrical

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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