



**Part Number: 44474-0611**

Image not available

**Status:** Contact Molex  
**Series:** 44474  
**Category:** PCB Headers  
**Overview:** [Mini-Fit® Plus HCS](#)

Series image - Reference only

**Mates With Part(s):**  
[42474](#), [44475](#), [44516](#), [5557d](#)

## Part Detail

### General

<b>Status</b>	<b>Contact Molex</b>
Category	PCB Headers
Series	<a href="#">44474</a>
Application	Board-to-Board, Power, Wire-to-Board
Comments	Square Pin, Solder Type
Overview	<a href="#">Mini-Fit® Plus HCS</a>
Product Name	Mini-Fit® HCS

### Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Natural (White)
Durability (mating cycles max)	30
Flammability	94V-2
Glow-Wire Compliant	Yes
Material - Metal	High Performance Alloy (HPA)
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.80mm
Packaging Type	Tray
Pitch - Mating Interface	4.20mm
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

### Electrical

**(Please review the Product Specification for specific details.)**

Current - Maximum per Contact	11A
Voltage - Maximum	600V

### Agency Certification

CSA	LR19980
UL	E29179

### 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

UPC	884982053175
-----	--------------

### Reference - Drawing Numbers

Product Specification	PS-44476-001, RPS-44476-001
Sales Drawing	SDA-44474-****

### Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

---

**Previously Available Application Tooling**

[Check our list of old tooling that used to be available for this part](#)