

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0460111403](#)

**Status:** **Active**

**Overview:**

**Description:** Mini-Fit Plus Header, 4.20mm Pitch, Dual Row, Vertical, Blind Mating, 14 Circuits, with Snap-in Plastic Peg PCB Lock, PA Polyamide Nylon 6/6, UL 94V-0, 0.76µm Gold (Au) Selective Plating, Halogen Free

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
Series [46011](#)  
Application Board-to-Board, Power, Wire-to-Board  
Comments Current = 13A max. per circuit when header is mated to a receptacle loaded with [45750](#) Mini-Fit Plus HCS Crimp Terminal Crimped to 16 AWG wire., See Molex product specification PS-45750-001 for additional current derating information.

Overview minifit\_plus\_connector\_system

Product Name Mini-Fit Plus  
UPC 822350726498

**Physical**

Breakaway No  
Circuits (Loaded) 14  
Circuits (maximum) 14  
Color - Resin Natural  
Durability (mating cycles max) 50  
First Mate / Last Break No  
Flammability 94V-0  
Glow-Wire Capable Yes  
Guide to Mating Part Yes  
Keying to Mating Part None  
Lock to Mating Part Yes  
Material - Metal Copper Alloy  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin Nylon  
Net Weight 3.575/g  
Number of Rows 2  
Orientation Vertical  
PC Tail Length 1.80mm  
PCB Locator Yes  
PCB Retention Yes  
PCB Thickness - Recommended 1.78mm  
Packaging Type Tray  
Pitch - Mating Interface 4.20mm  
Plating min - Mating 0.762µm  
Plating min - Termination 2.540µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Shrouded Fully  
Stackable No  
Surface Mount Compatible (SMC) No  
Temperature Range - Operating -40° to +105°C  
Termination Interface: Style Through Hole

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[46011](#) Series

**Mates With**

[15060041](#) Mini-Fit BMI Panel Mount Receptacle, [39012045](#) Mini-Fit Jr. Receptacle, [460100422](#) Mini-Fit Plus Receptacle Header

**Electrical**

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	005
Lead-free Process Capability	WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	240

**Material Info****Reference - Drawing Numbers**

Packaging Specification	PK-42440-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46011-001-000
Symbol/Footprint Data	SYM-46011-140X-001

This document was generated on 09/27/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**