

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0460121242](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus Crimp Terminal, 18-20 AWG, Bag, Selective Gold (Au) Plating 0.76µm

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	46012
Application	Power, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with 45750 series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current de-rating information.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Plus Connector System
Product Name	460121241 (Reel)
UPC	Mini-Fit Plus 822350570480

Physical

Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.144/g
Packaging Type	Bag
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.65-2.95mm
Wire Size AWG	18, 20
Wire Size mm²	N/A

Electrical

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

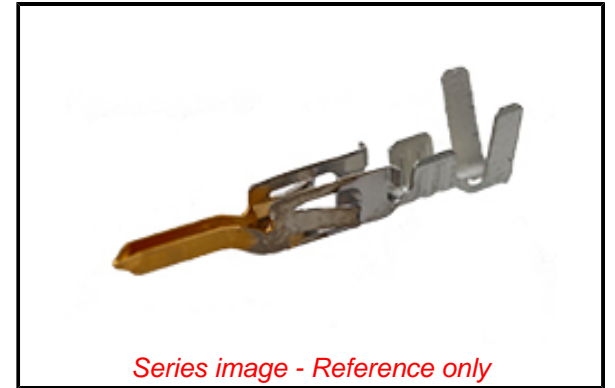
Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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

[46012](#) Series

Mates With

[45750](#) Mini-Fit Plus Crimp Terminal

Use With

[5559](#) Mini-Fit Jr. Plugs, [42475](#) Mini-Fit MBI Panel Mount Plugs, [30068](#) Mini-Fit TPA Plugs

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description **Product #**

Extraction Tool [11030044](#)

Hand Crimp Tool [638190901](#)

for Mini-Fit Jr. Male and Female Crimp

This document was generated on 03/15/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION