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**Part Number:** **0460121241**  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, 0.76µm Selective Gold (Au) Plating

**Documents:**

[Drawing \(PDF\)](#) [Test Summary 457500003-TS-000 \(PDF\)](#)  
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification PK-46012-001-001 \(PDF\)](#)

**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.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Family Power Connectors
Product Name	460121242 (Bag)
UPC	Mini-Fit Plus 822350570473

**Physical**

Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.144/g
Packaging Type	Reel
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 mm <sup>2</sup>	N/A

**Electrical**

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

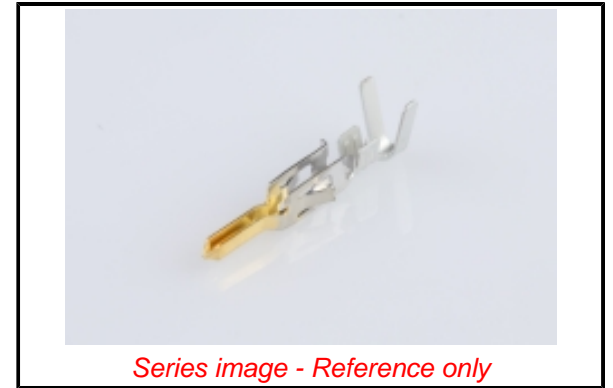
**Solder Process Data**

Lead-freeProcess Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	PK-46012-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001
Test Summary	457500003-TS-000



Series image - Reference only

**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**

46012 Series

**Use With**

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

**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 for Mini-Fit Jr. Terminals PremiumGrade Hand	<a href="#">11030044</a>
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG FineAdjust	<a href="#">63915600</a>
Applicator for 18-20	

AWG and 18-24  
 AWG Wires with  
 Insulation Diameter  
 1.90-2.30mm  
 FineAdjust Applicator [639023900](#)  
 for Insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 FineAdjust Applicator [639024800](#)  
 for Insulation OD  
 2.50-2.95mm  
 Optimized for 18  
 AWG Only  
 FineAdjust Applicator [639024900](#)  
 for Insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 FineAdjust Applicator [639047800](#)  
 for Insulation OD  
 2.50-2.95mm, 18-24  
 AWG  
 FineAdjust Applicator [639048000](#)  
 for Insulation OD  
 1.65-2.05mm, 18-24  
 AWG  
 T2 Terminator [639115600](#)  
 for insulation OD  
 1.90-2.30mm - 18-24  
 AWG  
 T2 Terminator [639123900](#)  
 for insulation OD  
 1.40-1.70mm - 18-24  
 AWG  
 T2 Terminator [639124800](#)  
 for insulation OD  
 2.50-2.95mm  
 optimized for 18  
 AWG only  
 T2 Terminator [639124900](#)  
 for insulation OD  
 2.30-2.60mm - 18-24  
 AWG  
 T2 Terminator [639147800](#)  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Large  
 Insulation ODs  
 T2 Terminator [639148000](#)  
 for Mini-Fit Crimp  
 Terminals, 18-24  
 AWG with Smaller  
 Insulation ODs

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