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**Part Number:** [0460123241](#)  
**Status:** **Active**  
**Overview:** Mini-Fit Family Power Connectors  
**Description:** Mini-Fit Plus Crimp Terminal, 16 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	<a href="#">46012</a>
Application	Power, Wire-to-Wire
Comments	Current = 13A max. per circuit when header is mated to a receptacle loaded with <a href="#">45750</a> series terminals crimped to 16 AWG wire. . See Molex product specification PS-45750-001 for additional current derating information.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	<a href="#">Mini-Fit Family Power Connectors</a>
Product Name	<a href="#">460123242</a> (Bag)
UPC	Mini-Fit Plus 822350570497

**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	1.80-3.15mm
Wire Size AWG	16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

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

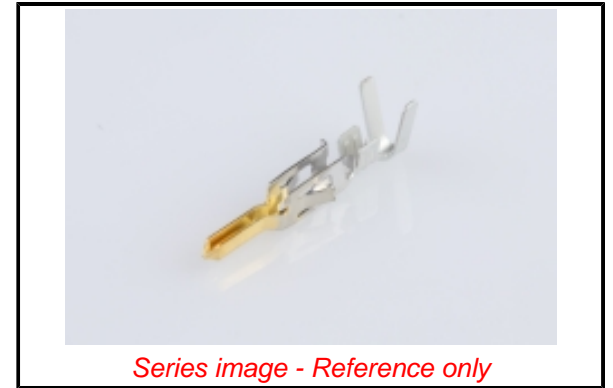
**Solder Process Data**

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	<a href="#">11030044</a>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<a href="#">2002182200</a>
FineAdjust Applicator for Insulation OD 2.20-2.45mm,	<a href="#">639039400</a>

Optimized for 16  
AWG Only  
FineAdjust Applicator 639041400  
for Mini-Fit Jr., Mini-  
Fit HCS, and Mini-  
Fit Plus HCS Crimp  
Terminals, 16 AWG  
with Large Insulation  
Diameters  
FineAdjust 639041500  
Applicator for Mini-  
Fit Crimp Terminals,  
1.80-2.20mm  
Insulation Diameter  
Wire, 16 AWG,  
1.31mm<sup>2</sup>

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