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**Part Number:** [0460123142](#)  
**Status:** **Active**  
**Overview:** Mini-Fit® Plus Connector System  
**Description:** Mini-Fit® Plus Crimp Terminal, 16 AWG, Bag Tin (Sn) Plating

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-5556-003 (PDF)</a>
<a href="#">Product Specification PS-45750-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">46012</a>
Application	Power
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	Yes
Overview	<u>Mini-Fit® Plus Connector System</u>
Packaging Alternative	<a href="#">46012-3141</a> (Reel)
Product Name	Mini-Fit® Plus
UPC	822350570466

**Physical**

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.145/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-3.15mm
Wire Size AWG	16
Wire Size mm²	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-5556-003
Product Specification	PS-45750-001
Sales Drawing	SD-46012-001



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/79/2015 (17  
December 2015)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**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 #**

Hand Crimp Tool for	<a href="#">0638190900</a>
Male and Female	

Crimp Terminals,  
16-24 AWG Wire  
Extraction Tool 0011030044

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