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Part Number: [0460123141](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Tin \(Sn\) Plating](#)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-46012-001-001 \(PDF\)](#)
[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.
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Family Power Connectors
Product Name	460123142 (Bag)
UPC	Mini-Fit Plus 822350570459

Physical

Durability (mating cycles max)	100
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.145/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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 ²	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



Series image - Reference only

EU ELV

Compliant

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

Compliant

Not Contained

Search Parts in this Series

[46012](#) Series

Use With

Mini-Fit Jr. Plugs [5559](#)
 Mini-Fit MBI
Panel Mount Plugs [42475](#)
 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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Insulation OD	639039400

2.20-2.45mm, 16

AWG

FineAdjust Applicator [639041400](#)

for Insulation OD

2.60-3.15mm, 16

AWG

FineAdjust Applicator [639041500](#)

for Insulation OD

1.80-2.20mm, 16

AWG

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