

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0460123142](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Plus Crimp Terminal, 16 AWG, Bag, Tin \(Sn\) Plating](#)

Documents:
[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003-001 \(PDF\)](#)
[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 [Yes](#)
Overview [Mini-Fit Family Power Connectors](#)
Packaging Alternative [460123141 \(Reel\)](#)
Product Name [Mini-Fit Plus](#)
UPC [822350570466](#)

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 [Bag](#)
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 mm² [N/A](#)

Electrical
Current - Maximum per Contact [13.0A](#)
Voltage - Maximum [600V](#)

Solder Process Data
Lead-freeProcess Capability [N/A](#)

Material Info

Reference - Drawing Numbers
[Packaging Specification](#) [PK-5556-003-001](#)
[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 - D(2021)4569-DC (8 July 2021) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS Green Image ELV Not Relevant RoHS Phthalates 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

This document was generated on 11/04/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[46012-3142](#)