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Part Number: [0460121141](#)
Status: **Active**
Overview: Mini-Fit Family Power Connectors
Description: Mini-Fit Plus Crimp Terminal, 18-20 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	460121142 (Bag)
UPC	Mini-Fit Plus 822350570435

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	1.65-2.95mm
Wire Size AWG	18, 20
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(2020)9139-DC (19
Jan 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	11030044
Mini-Fit Jr. Terminals	
PremiumGrade Hand	638190901
Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	
FineAdjust	639015600
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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