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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	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	460121142 (Bag)
Product Name	Mini-Fit Plus
UPC	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 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-46012-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001

Series image - Reference only

EU ELV
Compliant

EU RoHS   **China RoHS**
Compliant

REACH SVHC
Not Contained Per - D(2021)10043-DC (17 Jan 2022)

Halogen-Free Status
Low-Halogen
For more information, please visit Contact US

China ROHS	Green Image
ELV	Compliant
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
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901
FineAdjust Applicator for 18-20	639015600

AWG and 18-24 AWG Wires with Insulation Diameter 1.90-2.30mm	
FineAdjust Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	639023900
FineAdjust Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	639024800
FineAdjust Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	639024900
FineAdjust Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG	639047800
FineAdjust Applicator for Insulation OD 1.65-2.05mm, 18-24 AWG	639048000
T2 Terminator for insulation OD 1.90-2.30mm - 18-24 AWG	639115600
T2 Terminator for insulation OD 1.40-1.70mm - 18-24 AWG	639123900
T2 Terminator for insulation OD 2.50-2.95mm optimized for 18 AWG only	639124800
T2 Terminator for insulation OD 2.30-2.60mm - 18-24 AWG	639124900
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Large Insulation ODs	639147800
T2 Terminator for Mini-Fit Crimp Terminals, 18-24 AWG with Smaller Insulation ODs	639148000

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