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Part Number:

46012-3141

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus Crimp Terminal, 16 AWG, Reel, Tin (Sn) Plating



Series

image - Reference only

Documents:

- Drawing (PDF)

Packaging Specification PK-46012-001 (PDF)
- Product Specification PS-45750-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	46012
Application	Power
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® Plus Connector System
Packaging Alternative	46012-3142 (Loose)
Product Name	Mini-Fit® Plus
UPC	822350570459

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	Reel
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	13A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46012-001
Product Specification	PS-45750-001
Sales Drawing	SD-46012-001

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

46012Series

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 Male and Female Crimp Terminals, 16-24 AWG Wire	0638190900
T2 Terminator™ for insulation OD	0639102800

	2.60-3.15mm optimized for 16 AWG only FineAdjust™ Applicator for Insulation OD	<u>0639002800</u>
	2.60-3.15mm Optimized for 16 AWG Only FineAdjust™ Applicator for Insulation OD	<u>0639003000</u>
	2.20-2.45mm Optimized for 16 AWG Only T2 Terminator™ for insulation OD	<u>0639103000</u>
	2.20-2.45mm optimized for 16 AWG only FineAdjust™ Applicator for Insulation OD	<u>0639015300</u>
	1.80-2.20mm Optimized for 16 AWG Only Extraction Tool	<u>0011030044</u>

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