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Part Number:

0460121141

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus Crimp Terminal, 18-20 AWG, Reel, Tin (Sn) Plating

Documents:

Drawing (PDF)

RoHS Certificate of Compliance (PDF)

Packaging Specification PK-46012-001 (PDF)

General

Product Family

Series

Application

Comments

Crimp Terminals

46012

Power

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

Packaging Alternative

Product Name

UPC

Yes

Mini-Fit® Plus Connector System

46012-1142 (Loose)

Mini-Fit® Plus

822350570435

Physical

Durability (mating cycles max)

Gender

Material - Metal

Material - Plating Mating

Material - Plating Termination

Net Weight

Packaging Type

Plating min - Mating

Plating min - Termination

Termination Interface: Style

Wire Insulation Diameter

Wire Size AWG

Wire Size mm²

30

Male

Copper

Tin

Tin

0.145/g

Reel

2.540µm

2.540µm

Crimp or Compression

1.65-2.95mm

18, 20

N/A

Electrical

Current - Maximum per Contact

Voltage - Maximum

13.0A

600V

Solder Process Data

Lead-freeProcess Capability

N/A

Material Info

Reference - Drawing Numbers

Packaging Specification

Sales Drawing

PK-46012-001

SD-46012-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

China RoHS

Not Contained Per -

ED/21/2016 (20 June

2016)

Halogen-Free

Status

Low-Halogen

Need more information on product

environmental compliance?

Email productcompliance@molex.com

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Compliant

Search Parts in this Series

46012 Series

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

0638190900

Male and Female

Crimp Terminals, 16-24 AWG Wire	
Extraction Tool	<u>0011030044</u>
FineAdjust™	<u>0639002600</u>
Applicator for Insulation OD 2.50-2.95mm, 18-24 AWG Wire	
FineAdjust™	<u>0639015600</u>
Applicator for Insulation OD 1.90-2.30mm - 18-24 AWG	
FineAdjust™	<u>0639023900</u>
Applicator for Insulation OD 1.40-1.70mm - 18-24 AWG	
FineAdjust™	<u>0639024900</u>
Applicator for Insulation OD 2.30-2.60mm - 18-24 AWG	
T2 Terminator™	<u>0639102600</u>
for insulation OD 2.50-2.95mm - 18-24 AWG	
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	<u>0639102900</u>
T2 Terminator™	<u>0639124800</u>
for insulation OD 2.50-2.95mm optimized for 18 AWG only	
T2 Terminator™	<u>0639124900</u>
for insulation OD 2.30-2.60mm - 18-24 AWG	
FineAdjust™	<u>0639024800</u>
Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	
T2 Terminator™	<u>0639115600</u>
for insulation OD 1.90-2.30mm - 18-24 AWG	
T2 Terminator™	<u>0639123900</u>
for insulation OD 1.40-1.70mm - 18-24 AWG	