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Part Number:

0460123141

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

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

Documents:

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Packaging Specification PK-46012-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

Crimp Terminals

46012

Power, Wire-to-Wire

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.

Yes

Mini-Fit Family Power Connectors

460123142 (Bag)

Mini-Fit Plus

822350570459

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

100

Male

Copper Alloy

Tin

Tin

0.145/g

Reel

2.540µm

2.540µm

Crimp or Compression

1.80-3.15mm

16

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

Product Specification

Sales Drawing

PK-46012-001

PS-45750-001-001

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

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

Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG

2002182200

FineAdjust Applicator for Insulation OD 2.20-2.45mm,

639039400

Optimized for 16
AWG Only
FineAdjust Applicator639041400
for Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 16 AWG
with Large Insulation
Diameters
FineAdjust 639041500
Applicator for Mini-
Fit Crimp Terminals,
1.80-2.20mm
Insulation Diameter
Wire, 16 AWG,
1.31mm²

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