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Part Number:

0460121241

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus Crimp Terminal, 18-20 AWG, Reel, Selective Gold (Au) Plating 0.76µm

Documents:

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Packaging Specification PK-46012-001 (PDF)

RoHS Certificate of Compliance (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.

Yes

Mini-Fit® Plus Connector System

46012-1242 (Loose)

Mini-Fit® Plus

822350570473

Crimp Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

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

250

Male

Copper

Gold

Tin

0.144/g

Reel

0.762µm

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

Product Specification

Sales Drawing

PK-46012-001

PS-45750-001

SD-46012-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

No -ED/39/2015 (15 June 2015)

Halogen-Free

Status

Low-Halogen

China RoHS

Need more information on product environmental compliance?

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

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 #

FineAdjust™

Applicator for Insulation OD

0639024800

|                                                                                                                  |                                        |
|------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| 2.50-2.95mm<br>Optimized for 18<br>AWG Only<br>T2 Terminator™<br>for insulation OD<br>2.50-2.95mm - 18-24<br>AWG | <u>0639102600</u>                      |
| T2 Terminator™<br>for insulation OD<br>2.50-2.95mm<br>optimized for 18<br>AWG only                               | <u>0639124800</u>                      |
| T2 Terminator™<br>for insulation OD<br>2.30-2.60mm - 18-24<br>AWG                                                | <u>0639124900</u>                      |
| Hand Crimp Tool for<br>Male and Female<br>Crimp Terminals,<br>16-24 AWG Wire                                     | <u>0638190900</u>                      |
| T2 Terminator™ for<br>insulation OD 1.65<br>– 2.05mm – 18 – 24<br>AWG                                            | <u>0639102900</u>                      |
| T2 Terminator™<br>for insulation OD<br>1.40-1.70mm - 18-24<br>AWG                                                | <u>0639123900</u>                      |
| Extraction Tool<br>T2 Terminator™<br>for insulation OD<br>1.90-2.30mm - 18-24<br>AWG                             | <u>0011030044</u><br><u>0639115600</u> |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>2.50-2.95mm, 18-24<br>AWG Wire                                 | <u>0639002600</u>                      |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.90-2.30mm - 18-24<br>AWG                                     | <u>0639015600</u>                      |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>1.40-1.70mm - 18-24<br>AWG                                     | <u>0639023900</u>                      |
| FineAdjust™<br>Applicator for<br>Insulation OD<br>2.30-2.60mm - 18-24<br>AWG                                     | <u>0639024900</u>                      |

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