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Part Number:

0457501111

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

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

Documents:

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Packaging Specification PK-45750-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Comments

Crimp Terminals

45750

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

45750-1112 (Loose)

Mini-Fit® Plus

822350286015

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

30

Female

Copper-Nickel-Silicon

Tin

Tin

0.150/g

Reel

2.540µm

2.540µm

Crimp or Compression

1.80-3.10mm

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-45750-001

PS-45750-001

SD-45750-001, SD-46018-001, SDIN-45750-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

China RoHS

Not Relevant

Contains SVHC(2015 June 15): No

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

ELV

Green Image

Not Relevant

Search Parts in this Series

45750 Series

Mates With

46012 Mini-Fit® Plus Crimp Terminal

Use With

5557 Mini-Fit Jr.™, 30067 Mini-Fit® TPA, 42474 Mini-Fit® BMI Panel Mount, 43760 Mini-Fit® BMI, 44516 Mini-Fit® BMI Panel Mount Slide-N-Lock

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™

0639002600

Applicator for

Insulation OD 2.50-2.95mm, 18-24 AWG Wire FineAdjust™	<u>0639002900</u>
Applicator for Insulation OD 1.65-2.05mm, 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>
Extraction Tool	<u>0011030044</u>
Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>
T2 Terminator™ for insulation OD 1.40-1.70mm - 18-24 AWG	<u>0639123900</u>
T2 Terminator™ for insulation OD 2.30-2.60mm - 18-24 AWG	<u>0639124900</u>
T2 Terminator™ for insulation OD 1.65 – 2.05mm – 18 – 24 AWG	<u>0639102900</u>
FineAdjust™ Applicator for Insulation OD 2.50-2.95mm Optimized for 18 AWG Only	<u>0639024800</u>
T2 Terminator™ for insulation OD 2.50-2.95mm - 18-24 AWG	<u>0639102600</u>
T2 Terminator™ for insulation OD 1.90-2.30mm - 18-24 AWG	<u>0639115600</u>
T2 Terminator™ for insulation OD 2.50-2.95mm optimized for 18 AWG only	<u>0639124800</u>