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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 Quality Equipment

Overview

Packaging Alternative

Product Name

UPC

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

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, SDIN-45750-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -ED/79/2015 (17 December 2015)

Halogen-Free

Status

Low-Halogen

China RoHS

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 #

Hand Crimp Tool for [0638190900](#)
Male and Female
Crimp Terminals,
16-24 AWG Wire
Extraction Tool [0011030044](#)
FineAdjust™ [0639002600](#)
Applicator for
Insulation OD
2.50-2.95mm, 18-24
AWG Wire
FineAdjust™ [0639002900](#)
Applicator for
Insulation OD
1.65-2.05mm, 18-24
AWG Wire
FineAdjust™ [0639015600](#)
Applicator for
Insulation OD
1.90-2.30mm - 18-24
AWG
FineAdjust™ [0639023900](#)
Applicator for
Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust™ [0639024900](#)
Applicator for
Insulation OD
2.30-2.60mm - 18-24
AWG
T2 Terminator™ [0639102600](#)
for insulation OD
2.50-2.95mm - 18-24
AWG
T2 Terminator™ for [0639102900](#)
insulation OD 1.65
– 2.05mm – 18 – 24
AWG
T2 Terminator™ [0639124800](#)
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
T2 Terminator™ [0639124900](#)
for insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust™ [0639024800](#)
Applicator for
Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
T2 Terminator™ [0639115600](#)
for insulation OD
1.90-2.30mm - 18-24
AWG
T2 Terminator™ [0639123900](#)
for insulation OD
1.40-1.70mm - 18-24
AWG

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