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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	Crimp Terminals
Series	45750
Application	Power
Comments	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	Yes
Overview	Mini-Fit® Plus Connector System
Packaging Alternative	45750-1112 (Loose)
Product Name	Mini-Fit® Plus
UPC	822350286015
Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
Wire Size AWG	18, 20
Wire Size mm²	N/A
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-45750-001
Product Specification	PS-45750-001
Sales Drawing	SD-45750-001, SD-46018-001, SDIN-45750-001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

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

Green Image

ELV

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

FineAdjust™

Product #

Applicator for

0639002600

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>