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Part Number:

0457501211

Status:

Active

Overview:

Mini-Fit® Plus Connector System

Description:

Mini-Fit® Plus Crimp Terminal, 18-20 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective

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	45750-1212 (Loose)
Product Name	Mini-Fit® Plus
UPC	822350286053
Physical	
Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper-Nickel-Silicon
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.148/g
Packaging Type	Reel
Plating min - Mating	0.762µm
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



Series image - Reference only

EU ELV
Not Relevant

EU RoHS
Compliant
REACH SVHC
Contains SVHC(2015 June 15): No
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	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	Product #
Extraction Tool	0011030044

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