

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0457503112](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus Crimp Terminal, 16 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-5556-003 \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	45750
Application	Power, Wire-to-Board, Wire-to-Wire
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 Overview	Yes
Packaging Alternative	Mini-Fit Plus Connector System
Product Name	45750-3111 (Reel)
UPC	Mini-Fit Plus 822350286046

Physical

Durability (mating cycles max)	100
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Bag
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.50mm
Wire Size AWG	16
Wire Size mm ²	N/A

Electrical

Current - Maximum per Contact	13.0A
Voltage - Maximum	600V

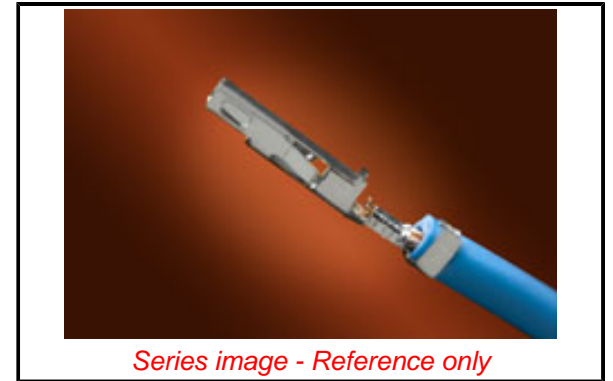
Solder Process Data

Lead-freeProcess Capability	N/A
-----------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-5556-003
Product Specification	PS-45750-001-001
Sales Drawing	SD-45750-001-001



EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
ED/61/2018 (27 June 2018)

Halogen-Free
Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[45750-3112](#)