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Part Number: [0457501112](#)
Status: **Active**
Overview: Mini-Fit® Plus Connector System
Description: Mini-Fit® Plus Crimp Terminal, 18-20 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
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	<u>Mini-Fit® Plus Connector System</u>
Packaging Alternative	45750-1111 (Reel)
Product Name	Mini-Fit® Plus
UPC	822350286022

Physical

Durability (mating cycles max)	30
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	1.80-3.10mm
Wire Size AWG	18, 20
Wire Size mm²	N/A

Electrical

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

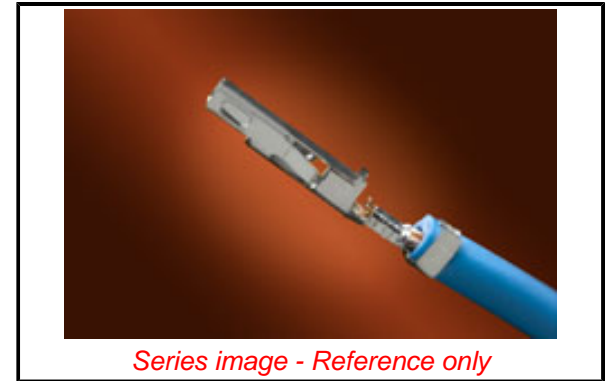
Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/01/2017 (12
January 2017)

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

RoHS Phthalates

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