



Part Number : [457503112](#)
Product Description : Mini-Fit Plus Crimp Terminal, 16 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)
Series Number : 45750
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [457503111 \(Reel\)](#)



Documents & Resources

Drawings


[Drawing 457503112_sd.pdf](#)
[Packaging Design Drawing PK-5556-003-001.pdf](#)

Specifications

[Product Specification PS-45750-001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	45750
Description	Mini-Fit Plus Crimp Terminal, 16 AWG, Bag, Copper (Cu) Alloy, Tin (Sn)
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. Series 45750 is Hot-Swappable
Product Family	Mini-Fit Family Power Connectors
Product Name	Mini-Fit Plus
UPC	822350286046

Electrical

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

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

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	<u>30067</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>42474</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>43760</u>
Mini-Fit BMI Dual Row Receptacle Housings	<u>44516</u>
Mini-Fit Jr. Receptacle Housings	<u>5557</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	<u>2002182200</u>