



Part Number : [457501212](#)
Product Description : Mini-Fit Plus Crimp Terminal,
20-18 AWG, Bag, Copper (Cu) Alloy, Gold (Au) Selective
Series Number : 45750
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : [457501211](#) (Reel)



Documents & Resources

Drawings

- [457501212 sd.pdf](#)
- [PK-5556-003-001.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [55560002-AS-000.pdf](#)
- [PS-45750-001-001.pdf](#)
- [457500003-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

[Compliance Statements](#)

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	45750
Description	Mini-Fit Plus Crimp Terminal, 20-18 AWG, Bag, Copper (Cu) Alloy, Gold (Au) Selective
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 Name	Mini-Fit Plus
UPC	822350286060

Electrical

Current - Maximum per Contact	11.5A
Voltage - Maximum	600V

Physical

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.148/g
Packaging Type	Bag
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 mm ²	N/A

Solder Process Data

Lead-Free Process Capability	N/A
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Mates With / Use With

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>
Mini-Fit Jr. Dual Row Receptacle Housings	<u>46992</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	<u>11030044</u>
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 24-18 AWG	<u>638190901</u>