

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

Documents and Resources

Drawings

457503112_sd.pdf

PK-5556-003-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

55560002-AS-000.pdf

PS-45750-001-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C

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- 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 Female Crimp Terminal, 16 AWG, Copper Alloy, Tin (Sn) Plating, Bag
Application	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	822350286046

Electrical

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

Physical

Durability (mating cycles max)	100
Gender	Female
Material - Metal	Copper Alloy

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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

Mates With / Use With

Use with Part(s)

Description	Part Number
Mini-Fit TPA Dual Row Receptacle Housings	30067
Mini-Fit BMI Dual Row Receptacle Housings	42474
Mini-Fit BMI Dual Row Receptacle Housings	43760
Mini-Fit BMI Dual Row Receptacle Housings	44516
Mini-Fit Jr. Receptacle Housings	5557
Mini-Fit Jr. Dual Row Receptacle Housings	46992

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044

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Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200

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