

Part Number : 460123241
Product Description : Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, 0.76µm Selective Gold (Au) Plating
Series Number : 46012
Status : Active
Product Category : Crimp Terminals
Packaging Alternative : 460123242 (Bag)

Documents and Resources

Drawings

460123241_sd.pdf

PK-46012-001-001.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 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)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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- 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	46012
Description	Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, 0.76µm Selective Gold (Au) Plating
Application	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.
Product Name	Mini-Fit Plus
UPC	822350570497

Electrical

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

Physical

Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper Alloy

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Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.144/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.15mm
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 Jr. Plug Housings	5559
Mini-Fit BMI Dual Row Plug Housings	42475

Application Tooling

Global

Description	Part Number
Extraction Tool for Mini-Fit Jr. Terminals	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200
FineAdjust Applicator for Insulation OD 2.20-2.45mm, 16 AWG	639039400
FineAdjust Applicator for Insulation OD 2.60-3.15mm, 16	639041400

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AWG	
FineAdjust Applicator for Insulation OD 1.80-2.20mm, 16 AWG	639041500

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