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Part Number:

0460123251

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus Grounding Crimp Terminal, 16 AWG, Reel, 0.76µm Selective Gold (Au) Plating



Series image - Reference only

Documents:

Drawing (PDF)

Product Specification PS-45750-001-001 (PDF)

Packaging Specification PK-46012-002-001 (PDF)

Test Summary 457500003-TS-000 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	46012
Application	Power, 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.
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	460123252 (Bag)
Product Name	Mini-Fit Plus
UPC	889056154468
Physical	
Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.151/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 mm²	N/A
Electrical	
Current - Maximum per Contact	13.0A
Voltage - Maximum	600V
Solder Process Data	
Lead-freeProcess Capability	N/A
Material Info	
Reference - Drawing Numbers	
Packaging Specification	PK-46012-002-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-002-001
Test Summary	457500003-TS-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

46012 Series

Use With

Mini-Fit Jr. Plugs 5559
 Mini-Fit TPA
Plugs 30068

Application Tooling | FAQ

Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.

Global

Description

Product #

Extraction Tool for	11030044
Mini-Fit Jr. Terminals	
FineAdjust Applicator	639039400
for Insulation OD	
2.20-2.45mm,	
Optimized for 16	
AWG Only	
FineAdjust Applicator	639041400
for Mini-Fit Jr., Mini-	
Fit HCS, and Mini-	

Fit Plus HCS Crimp
Terminals, 16 AWG
with Large Insulation
Diameters
FineAdjust 639041500
Applicator for Mini-
Fit Crimp Terminals,
1.80-2.20mm
Insulation Diameter
Wire, 16 AWG,
1.31mm²

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