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Part Number: [0460123141](#)
Status: **Active**
Overview: [Mini-Fit Plus Connector System](#)
Description: Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Tin (Sn) Plating

Documents:

[Drawing \(PDF\)](#) [Packaging Specification PK-46012-001 \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#) [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 Plus Connector System
Packaging Alternative	46012-3142 (Loose)
Product Name	Mini-Fit Plus
UPC	822350570459

Physical

Durability (mating cycles max)	30
Gender	Male
Material - Metal	Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.145/g
Packaging Type	Reel
Plating min - Mating	2.540µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	2.20-3.15mm
Wire Size AWG	16
Wire Size mm ²	N/A

Electrical

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

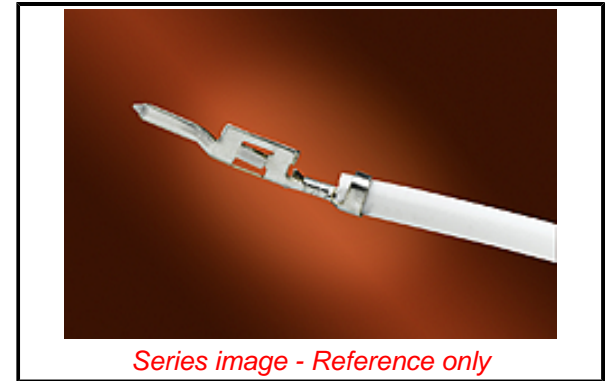
Solder Process Data

Lead-freeProcess Capability	N/A
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Material Info

Reference - Drawing Numbers

Packaging Specification	PK-46012-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001



EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Compliant
Prop65	Compliant
RoHS Phthalates	Not Contained

Search Parts in this Series

[46012](#) Series

Mates With

[45750](#) Mini-Fit Plus Crimp Terminal

Use With

[5559](#) Mini-Fit Jr. Plugs, [42475](#) Mini-Fit MBI Panel Mount Plugs, [30068](#) Mini-Fit TPA Plugs

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

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[46012-3141](#) [46012-3141 \(Mouser Reel\)](#) [46012-3141 \(Cut Strip\)](#)