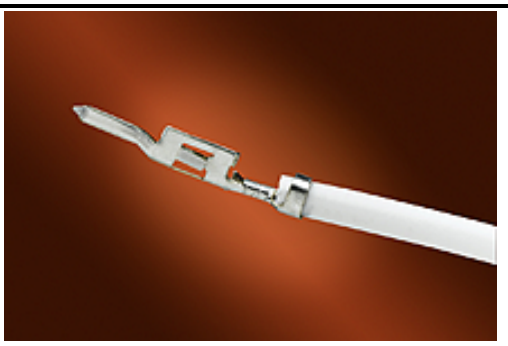
molex
one company > a world of innovation

This document was generated on 04/27/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0460123241
Status: Active
Overview: Mini-Fit Plus Connector System
Description: Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Selective Gold (Au) Plating 0.76µm



Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-45750-001-001 (PDF)
Packaging Specification PK-46012-001 (PDF)
RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	46012
Application	Power
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	46012-3242 (Loose)
Product Name	Mini-Fit Plus
UPC	822350570497
Physical	
Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper
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	2.20-3.15mm
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-46012-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 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	Not Relevant
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

This document was generated on 04/27/2018

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION