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Part Number:

0460121241

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, 0.76µm Selective Gold (Au) Plating

Documents:

Drawing (PDF)

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

Packaging Specification PK-46012-001-001 (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	460121242 (Bag)
Product Name	Mini-Fit Plus
Taxonomy	Crimp Terminals
UPC	822350570473
Physical	
Durability (mating cycles max)	250
Gender	Male
Material - Metal	Copper Alloy
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	1.65-2.95mm
Wire Size AWG	18, 20
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-46012-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-46012-001-001
Test Summary	457500003-TS-000



Series image - Reference only

EU ELV Not Relevant	
EU RoHS Compliant REACH SVHC Not Contained Per - D(2022)4187-DC (10 June 2022) Halogen-Free Status Low-Halogen For more information, please visit Contact US	China RoHS China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
46012 Series

Use With
Mini-Fit Jr. Plugs 5559
 Mini-Fit MBI
Panel Mount Plugs 42475
 Mini-Fit TPA
Plugs 30068

Application Tooling FAQ <i>Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.</i> Global	
Description	Product #
Extraction Tool for Mini-Fit Jr. Terminals	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901
FineAdjust Applicator for 18-20	639015600

AWG and 18-24
AWG Wires with
Insulation Diameter
1.90-2.30mm
FineAdjust Applicator[639023900](#)
for Insulation OD
1.40-1.70mm - 18-24
AWG
FineAdjust Applicator[639024800](#)
for Insulation OD
2.50-2.95mm
Optimized for 18
AWG Only
FineAdjust Applicator[639024900](#)
for Insulation OD
2.30-2.60mm - 18-24
AWG
FineAdjust Applicator[639047800](#)
for Insulation OD
2.50-2.95mm, 18-24
AWG
FineAdjust Applicator[639048000](#)
for Insulation OD
1.65-2.05mm, 18-24
AWG
T2 Terminator [639115600](#)
for insulation OD
1.90-2.30mm - 18-24
AWG
T2 Terminator [639123900](#)
for insulation OD
1.40-1.70mm - 18-24
AWG
T2 Terminator [639124800](#)
for insulation OD
2.50-2.95mm
optimized for 18
AWG only
T2 Terminator [639124900](#)
for insulation OD
2.30-2.60mm - 18-24
AWG
T2 Terminator [639147800](#)
for Mini-Fit Crimp
Terminals, 18-24
AWG with Large
Insulation ODs
T2 Terminator [639148000](#)
for Mini-Fit Crimp
Terminals, 18-24
AWG with Smaller
Insulation ODs