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Part Number: 0457503211
Status: Active
Overview: Mini-Fit Plus Connector System
Description: Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Copper (Cu) Alloy, Gold (Au) Selective

Series image - Reference only

Documents:

Drawing (PDF)
Product Specification PS-45750-001-001 (PDF)
Packaging Specification PK-45750-001-001 (PDF)
Test Summary 457500003-TS-000 (PDF)
RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	45750
Application	Power, Wire-to-Board, 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. Series 45750 is Hot-Swappable
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. Series 45750 is Hot-Swappable
Crimp Quality Equipment	Yes
Overview	Mini-Fit Plus Connector System
Packaging Alternative	457503212 (Loose)
Product Name	Mini-Fit Plus
UPC	822350286077

Physical

Durability (mating cycles max)	250
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.148/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.80-3.10mm
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-45750-001-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-45750-001-001

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ECHA_01_2020 (16 January 2020

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
45750 Series

Mates With
46012 Mini-Fit Plus Crimp Terminal

Use With
5557 Mini-Fit Jr., 30067 Mini-Fit TPA, 42474 Mini-Fit BMI Panel Mount, 43760 Mini-Fit BMI, 44516 Mini-Fit BMI Panel Mount Slide-N-Lock

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	11030044
Hand Crimp Tool for Mini-Fit Jr. Male and Female Crimp Terminals, 16 AWG	2002182200

Downloaded from Arrow.com.

Test Summary	457500003-TS-000	

FineAdjust Applicator for Insulation OD 2.20-2.45mm, Optimized for 16 AWG Only	639039400
FineAdjust Applicator for Mini-Fit Jr., Mini-Fit HCS, and Mini-Fit Plus HCS Crimp Terminals, 16 AWG with Large Insulation Diameters	639041400
FineAdjust Applicator for Mini-Fit Crimp Terminals, 1.80-2.20mm Insulation Diameter Wire, 16 AWG, 1.31mm²	639041500

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