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Part Number:

0457501212

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus Crimp Terminal, 18-20 AWG, Bag, Copper (Cu) Alloy, Gold (Au) Selective

Documents:

Drawing (PDF)

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

Packaging Specification PK-5556-003-001 (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
Crimp Quality Equipment	Yes
Overview	Mini-Fit Family Power Connectors
Packaging Alternative	457501211 (Reel)
Product Name	Mini-Fit Plus
UPC	822350286060
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	Bag
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	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-5556-003-001
Product Specification	PS-45750-001-001
Sales Drawing	SD-45750-001-001
Test Summary	457500003-TS-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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
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 for Mini-Fit Jr. Terminals PremiumGrade Hand

11030044638190901

Crimp Tool for Mini-Fit Jr. Male and

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