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Part Number:

0457501111

Status:

Active

Overview:

Mini-Fit Family Power Connectors

Description:

Mini-Fit Plus Crimp Terminal, 18-20 AWG, Reel, Copper (Cu) Alloy, Tin (Sn)

Documents:

Drawing (PDF)

Product Specification 55560008-TS-000 (PDF)

Product Specification PS-45750-001-001 (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	457501112 (Loose)
Product Name	Mini-Fit Plus
Taxonomy	Crimp Terminals
UPC	822350286015
Physical	
Durability (mating cycles max)	100
Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.150/g
Packaging Type	Reel
Plating min - Mating	2.540µm
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	
Product Specification	55560008-TS-000, PS-45750-001-001
Sales Drawing	SD-45750-001-001, SDIN-45750-001-001



Series image - Reference only

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained per - D(2022)9120-DC (17 Jan 2023)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China RoHS

Green Image

ELV

Compliant

RoHS Phthalates

Not Contained

Search Parts in this Series

45750 Series

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	11030044
PremiumGrade Hand Crimp Tool for Mini-Fit Jr. Male and Female Terminals, 18-24 AWG	638190901

FineAdjust	639015600
Applicator for 18-20	
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	

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