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Part Number: [0457503211](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Plus Crimp Terminal, 16 AWG, Reel, Copper \(Cu\) Alloy, Gold \(Au\) Selective](#)

Documents:

[Drawing \(PDF\)](#) [Test Summary 457500003-TS-000 \(PDF\)](#)
[Product Specification 55560008-TS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-45750-001-001 \(PDF\)](#)

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 derating information. Series 45750 is Hot-Swappable
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Family Power Connectors
Product Name	457503212 (Loose)
UPC	Mini-Fit Plus 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-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Product Specification	55560008-TS-000, PS-45750-001-001
Sales Drawing	SD-45750-001-001
Test Summary	457500003-TS-000



Series image - Reference only

EU ELV

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

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 [11030044](#)

Mini-Fit Jr. Terminals

Hand Crimp Tool [2002182200](#)

for Mini-Fit Jr. Male

and Female Crimp
Terminals, 16 AWG
FineAdjust Applicator [639039400](#)
for Insulation OD
2.20-2.45mm, 16
AWG
FineAdjust Applicator [639041400](#)
for Insulation OD
2.60-3.15mm, 16
AWG
FineAdjust Applicator [639041500](#)
for Insulation OD
1.80-2.20mm, 16
AWG

This document was generated on 01/26/2022

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[45750-3211 \(Cut Strip\)](#) [45750-3211 \(Mouser Reel\)](#)