

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

Drawing (PDF)	Packaging Specification 55560001-PK-000 (PDF)
Product Specification 55560008-TS-000 (PDF)	Test Summary 457500003-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 derating information. Series 45750 is Hot-Swappable
Crimp Quality Equipment Overview	Yes
Packaging Alternative	Mini-Fit Plus Connector System
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

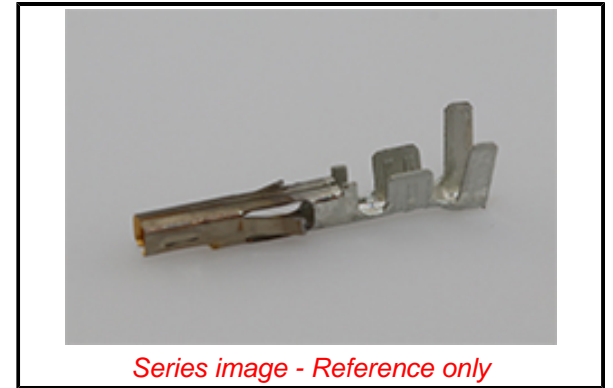
Solder Process Data

Lead-free Process Capability	N/A
------------------------------	-----

Material Info

Reference - Drawing Numbers

Packaging Specification	55560001-PK-000
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(2020)4578-DC (25
June 2020)

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

FineAdjust Applicator 639039400
for Insulation OD
2.20-2.45mm,
Optimized for 16
AWG Only

FineAdjust Applicator 639041400
for Mini-Fit Jr., Mini-
Fit HCS, and Mini-
Fit Plus HCS Crimp
Terminals, 16 AWG
with Large Insulation
Diameters

FineAdjust 639041500
Applicator for Mini-
Fit Crimp Terminals,
1.80-2.20mm
Insulation Diameter
Wire, 16 AWG,
1.31mm²

This document was generated on 07/14/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION