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Part Number:

45750-3111

Status:

Active

Overview:

Mini-Fit® Plus HCS

Description:

Mini-Fit® Plus HCS Crimp Terminal 45750, 16 AWG, Reel, Copper (Cu) Alloy, Tin (Sn)

Documents:

Drawing (PDF)

Product Specification PS-45750-001 (PDF)

Packaging Specification PK-45750-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Crimp Terminals
Series	45750
Application	Power
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.
Crimp Quality Equipment	Yes
Overview	Mini-Fit® Plus HCS
Packaging Alternative	45750-3112 (Loose)
Product Name	Mini-Fit® Plus HCS
UPC	822350286039

Physical	
Durability (mating cycles max)	30
Gender	Female
Material - Metal	Copper-Nickel-Silicon
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	1.30-3.10mm
Wire Size AWG	16
Wire Size mm²	N/A

Electrical	
Current - Maximum per Contact	13A
Voltage - Maximum	600V

Material Info

Reference - Drawing Numbers

Packaging Specification	PK-45750-001
Product Specification	PS-45750-001
Sales Drawing	SD-45750-001



image - Reference onlySeries

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Contains SVHC: No

Low-Halogen Status

Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series
45750Series

Mates With
46012 Mini-Fit® Plus HCS 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 #
FineAdjust™	0639002800
Applicator for Insulation OD	
2.60-3.15mm	

Optimized for 16 AWG Only FineAdjust™ Applicator for Insulation OD 2.20-2.45mm	<u>0639003000</u>
Optimized for 16 AWG Only FineAdjust™ Applicator for Insulation OD 1.80-2.20mm	<u>0639015300</u>
Optimized for 16 AWG Only Extraction Tool T2 Terminator™ for insulation OD 2.60-3.15mm	<u>0011030044</u> <u>0639102800</u>
optimized for 16 AWG only T2 Terminator™ for insulation OD 2.20-2.45mm	<u>0639103000</u>
optimized for 16 AWG only Hand Crimp Tool for Male and Female Crimp Terminals, 16-24 AWG Wire	<u>0638190900</u>