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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 PK-45750-001-001 \(PDF\)](#)
[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. |
| Crimp Quality Equipment Overview | Yes |
| Packaging Alternative | Mini-Fit Plus Connector System |
| Product Name | 45750-3212 (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 mm ² | N/A |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 13.0A |
| Voltage - Maximum | 600V |

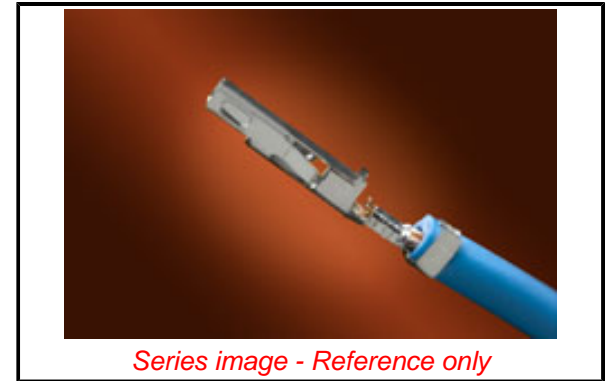
Solder Process Data

| | |
|-----------------------------|-----|
| Lead-freeProcess Capability | N/A |
|-----------------------------|-----|

Material Info

Reference - Drawing Numbers

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

| | |
|-----------------|---------------|
| China ROHS | Green Image |
| ELV | Not Relevant |
| Prop65 | Compliant |
| 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