



Part Number : [2169465013](#)

Product Description : Ultra-Fit Crimp Terminal, Male, Tin (Sn) Plating, 18-16 AWG

Series Number : 216946

Status : Active

Product Category : Crimp Terminals



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## Documents & Resources

### Drawings

[2169465013\\_sd.pdf](#)

### Specifications


[1723230003-000.pdf](#)

[2169460001-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	216946
Description	Ultra-Fit Crimp Terminal, Male, Tin (Sn) Plating, 18-16 AWG
Application	Power, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Family	Ultra-Fit Power Connectors
Product Name	Ultra-Fit
UPC	195842154292

### Agency

UL	E29179
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### Electrical

Voltage - Maximum	600V AC (RMS)/DC
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### Physical

Durability (mating cycles max)	25
Flammability	94V-0
Gender	Male
Material - Metal	Phosphor Bronze Alloy
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.160/g
Packaging Type	Reel
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.70-2.00mm

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Wire Size (AWG)	16, 18
Wire Size mm <sup>2</sup>	N/A

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**Use with Part(s)**

Description	Part Number
Ultra-Fit Single Row Plug Housings	<u>202569</u>
Ultra-Fit Dual Row Plug Housings	<u>216945</u>

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**Application Tooling**

**Global**

Description	Part Number
Extraction Tool for Ultra-Fit Plug Terminals, 18-16 AWG and 22-20 AWG Wires	<u>2002221700</u>
FineAdjust Applicator for Ultra-Fit Tangless Male Crimp Terminals, 18-16 AWG, UL1061 Wire	<u>2037024300</u>
Hand Crimp Tool for Ultra-Fit Tangless Male and Female Terminals, 18-16 AWG (UL 1061) Wire	<u>2133096200</u>

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