



Part Number : 2169465012

Series Number : 216946

Product Category : Crimp Terminals

Product Description : Ultra-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 16-18 AWG

Status : Active

Documents & Resources

- Drawings
- [Drawing 2169465012_sd.pdf](#)
- Specifications
- [Application Specification 1723230003-000.pdf](#)
- [Test Summary 2169460001-TS-000.pdf](#)

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)

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	Crimp Terminals
Series	216946
Description	Ultra-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 16-18 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	195842154278

Agency

UL	E29179
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Electrical

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

Durability (mating cycles max)	200
Flammability	94V-0
Gender	Male
Material - Metal	Phosphor Bronze Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.160/g
Packaging Type	Reel
Plating min - Mating	0.760µm
Plating min - Termination	2.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.70-2.00mm
Wire Size (AWG)	16, 18

Wire Size mm ²	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>

Application Tooling

Global

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