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Part Number: [2169465012](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 16-18 AWG

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Datasheet \(PDF\)](#)

General

| | |
|-------------------------|---|
| Product Family | Crimp Terminals |
| Series | 216946 |
| Application | Power, Wire-to-Wire |
| Comments | See Product Specification for maximum current rating by circuit size and wire AWG |
| Crimp Quality Equipment | Yes |
| Overview | Ultra-Fit Power Connectors |
| Product Name | Ultra-Fit |
| Taxonomy | Crimp Terminals |
| UPC | 195842154278 |

Physical

| | |
|--------------------------------|-----------------------|
| Durability (mating cycles max) | 200 |
| Gender | Male |
| Material - Metal | Phosphor Bronze Alloy |
| Material - Plating Mating | Gold |
| Material - Plating Termination | Matte Tin |
| Net Weight | 20.670/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 |

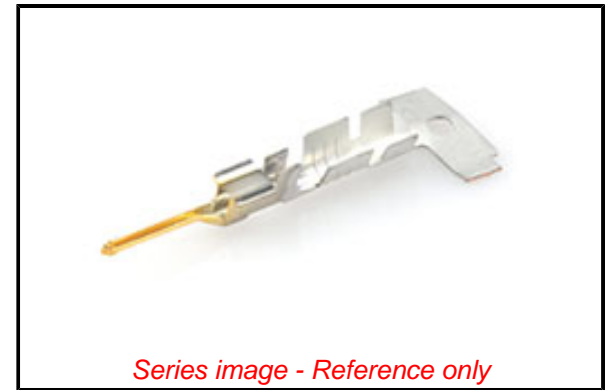
Electrical

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

Material Info

Reference - Drawing Numbers

| | |
|---------------|--------------------------------------|
| Sales Drawing | 2169461000-PK-000, 2169461000-SD-000 |
|---------------|--------------------------------------|



EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

Halogen-Free

Status

Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[216946 Series](#)

Use With

Ultra-Fit Plug Housing [216945](#) , [202569](#)

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 for Ultra-Fit Plug Terminals, 16-18 AWG and 20-22 AWG Wires | 2002221700 |
| FineAdjust Applicator for Ultra-Fit Tangless Male Crimp Terminals, 16-18 AWG, UL1061 Wire | 2037024300 |

Hand Crimp Tool for [2133096200](#)
Ultra-Fit Tangless
Male and Female
Terminals, 16-18
AWG (UL 1061) Wire

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