



Part Number : [2169465112](#)
Product Description : Ultra-Fit Crimp Terminal,
Male, 0.76µm Gold (Au) Plating, 22-20 AWG
Series Number : 216946
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [2169465112_sd.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [1723230003-000.pdf](#)
- [2169461000-PS-000.pdf](#)
- [2169460001-TS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

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

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	216946
Description	Ultra-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 22-20 AWG
Application	Power, Wire-to-Wire
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Name	Ultra-Fit
UPC	195842154285

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	0.150/g
Packaging Type	Reel
Plating min - Mating	0.760µm
Plating min - Termination	2.500µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	1.30-1.50mm
Wire Size (AWG)	20, 22
Wire Size mm ²	N/A

Mates With / Use With

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, 18-16 AWG and 22-20 AWG Wires	<u>2002221700</u>
FineAdjust Applicator for Ultra-Fit Tangless Plug Terminals, 22-20 AWG, UL1061 Wire	<u>2037024400</u>
Hand Crimp Tool for Ultra-Fit Tangless Male and Female Terminals, 22-20 AWG (UL 1061) Wire	<u>2238630900</u>