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



Documents & Resources

Drawings

2169465013_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(2025)4165-DC (25 June 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, 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 Name	Ultra-Fit
UPC	195842154292

Agency

UL	E29179

Electrical

Voltage - Maximum	600V AC (RMS)/DC

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
Wire Size (AWG)	16, 18
Wire Size mm^2	N/A

Mates With / Use With

Use with Part(s)

Description	Part Number
Ultra-Fit Single Row Plug Housings	202569
Ultra-Fit Dual Row Plug Housings	216945

Application Tooling

Global

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