



Part Number : [1722536012](#)
Product Description : Ultra-Fit Tangless Crimp
Terminal, Female, 0.76µm Gold (Au) Plating, 18-16
AWG
Series Number : 172253
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings


[1722536012 sd.pdf](#)
[1722535102-000.pdf](#)

Specifications

[1723230003-000.pdf](#)
[1723230001-TS-000.pdf](#)
[1723231000-PS-CH-000.pdf](#)
[1723231000-PS-ES-000.pdf](#)
[1723231000-PS-JP-000.pdf](#)
[1723231000-PS-SK-000.pdf](#)
[PS-172323-0001-001.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
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	172253
Description	Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 18-16 AWG
Application	Power, Wire-to-Board
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Product Name	Ultra-Fit
UPC	191128803199

Electrical

Current - Maximum per Contact	12.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Durability (mating cycles max)	200
Gender	Female
Material - Metal	High Conductivity Copper

Material - Plating Mating	Gold
Material - Plating Termination	Tin
Net Weight	0.144/g
Packaging Type	Reel
Plating min - Mating	0.760µm
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 Tangless Single Row Receptacle Housings	<u>172256</u>
Ultra-Fit Tangless Dual Row Receptacle Housings	<u>172258</u>

Application Tooling

Global

Description	Part Number
Hand Crimp Tool for Ultra-Fit Tangless Crimp Terminals, 18-16 AWG (UL1061) Wires	<u>2002184600</u>
Extraction Tool for Ultra-Fit Tangless Crimp Terminals, 18-16 AWG (UL1061 Wires)	<u>638248700</u>
FineAdjust Applicator for Ultra-Fit Crimp Terminals, 18-16 AWG	<u>639043300</u>
Hand Crimp Tool for Ultra-Fit Tangless Male and Female Terminals, 18-16 AWG (UL 1061) Wire	<u>2133096200</u>

Japan

Description	Part Number
S-1 Applicator for Ultra-Fit Crimp Terminals, 18-16 AWG, UL 1061 Wire	<u>2051563700</u>