



Part Number : 1722536012

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

Series Number : 172253

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing 1722536012_sd.pdf

Packaging Design Drawing 1722535102-000.pdf

Specifications

Application Specification 1723230003-000.pdf

Product Specification 1723230001-TS-000.pdf

Product Specification 1723231000-PS-CH-000.pdf

Product Specification 1723231000-PS-ES-000.pdf

Product Specification 1723231000-PS-JP-000.pdf

Product Specification 1723231000-PS-SK-000.pdf

Product Specification PS-172323-0001-001.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(2023)8585-DC (23 Jan 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	172253
Description	Ultra-Fit Tangless Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-18 AWG
Application	Power, Wire-to-Board
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	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

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

Application Tooling

Japan

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