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Part Number:

1722537023

Status:

Active

Overview:

Ultra-Fit Power Connectors

Description:

Ultra-Fit Tangless Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG



Series image - Reference only

Documents:

- [Drawing \(PDF\)](#)
- [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 \(PDF\)](#)
- [Application Specification 1723230003-000 \(PDF\)](#)
- [Packaging Specification 1722535102-000 \(PDF\)](#)
- [Datasheet \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	172253
Application	Power, Wire-to-Board
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	191128803533

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	201.560/mg
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 mm²	N/A

Electrical

Current - Maximum per Contact	14.0A
Voltage - Maximum	600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	1723230003-000
Packaging Specification	1722535102-000
Product Specification	1723230001-TS-000, 1723231000-PS-CH-000, 1723231000-PS-ES-000, 1723231000-PS-JP-000, 1723231000-PS-SK-000, PS-172323-0001-001
Sales Drawing	1722532000-000

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

172253 Series

Use With

Ultra-Fit Tangless Receptacle Housing
172256 , 172258

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 #
Hand Crimp Tool for Ultra-Fit Tang-less Crimp Terminals, 16-18 AWG (UL1061) Wires	2002184600
Hand Crimp Tool for Ultra-Fit Tangless Male and Female	2133096200

Terminals, 16-18 AWG (UL 1061) Wire Extraction Tool for <u>638248700</u> Ultra-Fit Tangless Crimp Terminals, 16-18 AWG (UL1061 Wires) FineAdjust Applicator <u>639043300</u> for Ultra-Fit Crimp Terminals, 16-18 AWG	
Description	Product #
S-1 Applicator for Ultra-Fit Crimp Terminals, 16-18 AWG, UL 1061 Wire	<u>2051563700</u>

This document was generated on 03/09/2023

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