

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1722533023](#)  
**Status:** **Active**  
**Overview:** [Ultra-Fit™ Power Connectors](#)  
**Description:** Ultra-Fit™ Crimp Terminal, Female, Tin (Sn) Plating, 16-18 AWG

**Documents:**

[Drawing \(PDF\)](#) [Product Literature \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	Crimp Terminals
Series	<a href="#">172253</a>
Application	Power
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment	Yes
Overview	<a href="#">Ultra-Fit™ Power Connectors</a>
Product Literature Order No	987651-1008
Product Name	Ultra-Fit™
UPC	887191722863

**Physical**

Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	0.153/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 mm²	1.00-1.50

**Electrical**

Current - Maximum per Contact	14.0A
Voltage - Maximum	400V AC (RMS)/DC

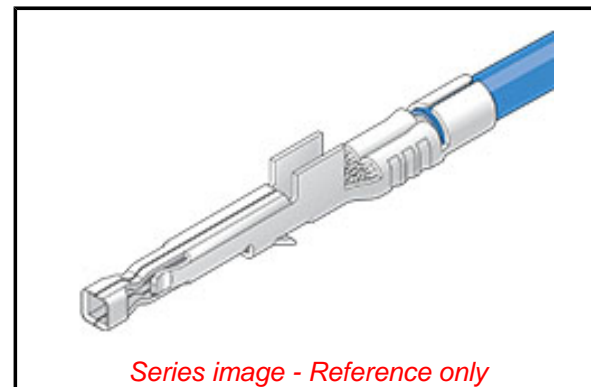
**Solder Process Data**

Lead-free Process Capability	N/A
------------------------------	-----

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing	SD-172253-1000
---------------	----------------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/21/2016 (20 June  
2016)

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS  
ELV

Green Image  
Not Relevant

**Search Parts in this Series**

[172253](#) Series

**Use With**

Ultra-Fit™ Receptacle Housing [172256](#) ,  
[172258](#) , [172260](#) , [172262](#)

**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 #
Extraction Tool	<a href="#">0011030016</a>
Hand Crimp Tool for Ultra-Fit™ Crimp Terminals, 16-18 AWG (UL1061) wires	<a href="#">0638275300</a>

FineAdjust™ 0639041600  
Applicator for  
Ultra-Fit™ Crimp  
Terminals, 16-18  
AWG (UL1061) wires

This document was generated on 07/27/2016

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**