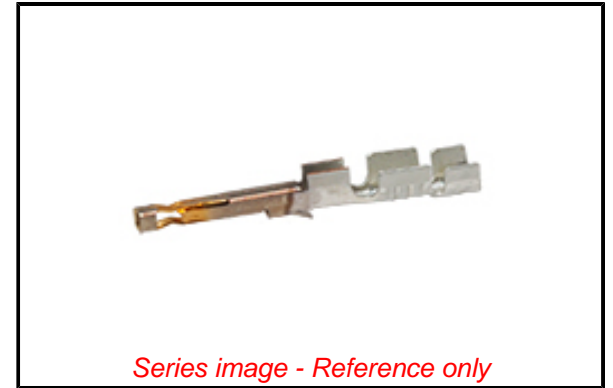


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1722533012](#)
Status: **Active**
Overview: [Ultra-Fit Power Connectors](#)
Description: Ultra-Fit Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 16-18 AWG
Replacement Part Number : <http://www.molex.com/molex/search/partSearch?pQuery=&sType=p&query=17225360121722536012>

Documents:

Drawing (PDF)	Application Specification AS-172323-0001 (PDF)
Product Specification 1723230001-TS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-172323-0001-001 (PDF)	Product Literature (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, See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment Overview	Yes
Product Name	Ultra-Fit Power Connectors
Replacement Part Number	Ultra-Fit
UPC	1722536012 887191723792

Physical

Durability (mating cycles max)	200
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold over Nickel
Material - Plating Termination	Tin over Nickel
Net Weight	0.154/g
Packaging Type	Reel
Plating min - Mating	0.762µm
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

Electrical

Current - Maximum per Contact	12.0A
Voltage - Maximum	400V AC (RMS)/DC

Solder Process Data

Lead-free Process Capability	N/A
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Material Info

Reference - Drawing Numbers

Application Specification	AS-172323-0001
Application Tooling Documents	ATS-639041600-001
Product Specification	1723230001-TS-000, PS-172323-0001-001
Sales Drawing	SD-172253-1000-000

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[172253](#) Series

Use With

Ultra-Fit Single Row Receptacle Housing
[1722561102](#) , [1722561103](#) , [1722561104](#) , [1722561105](#) , [1722561106](#) , [1722561107](#) , [1722561108](#) , [1722562102](#) , [1722562103](#) , [1722562104](#) , [1722562105](#) , [1722562106](#) , [1722562107](#) , [1722562108](#)
Ultra-Fit Dual Row Receptacle Housing [1722581104](#) , [1722581106](#) , [1722581108](#) , [1722581110](#) , [1722581112](#) , [1722581114](#) , [1722581116](#) , [1722582104](#) , [1722582106](#) , [1722582108](#) , [1722582110](#) , [1722582112](#) , [1722582114](#) , [1722582116](#)

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	<u>11030016</u>
Hand Crimp Tool for Ultra-Fit Crimp Terminals, 16-18 AWG (UL1061) wires	<u>638275300</u>

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