

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1722533112](#)
Status: **Active**
Overview: Ultra-Fit™ Power Connectors
Description: Ultra-Fit™ Crimp Terminal, Female, 0.76µm Gold (Au) Plating, 20-22 AWG

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-172323-0001 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Application Specification AS-172323-0001 \(PDF\)](#)

General

Product Family	Crimp Terminals
Series	172253
Application	Power
Comments	See Product Specification for maximum current rating by circuit size and wire AWG
Crimp Quality Equipment	Yes
Overview	Ultra-Fit™ Power Connectors
Product Literature Order No	987651-1008
Product Name	Ultra-Fit™
UPC	887191723808

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	0.144/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	1.524µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	1.30-1.50mm
Wire Size AWG	20, 22
Wire Size mm ²	0.30-0.50

Electrical

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

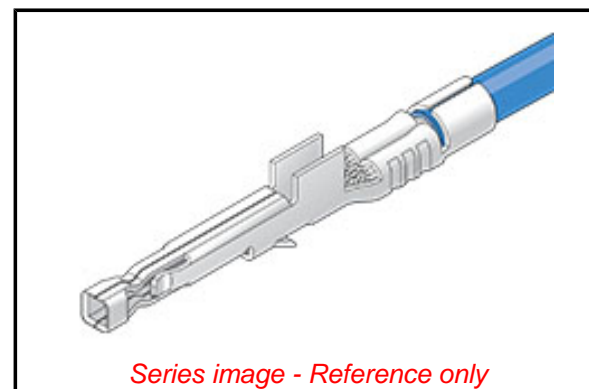
Solder Process Data

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-172323-0001
Product Specification	PS-172323-0001



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/79/2015 (17
December 2015)

Halogen-Free

Status

Low-Halogen

Need more information on product environmental compliance?

Email 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 #
FineAdjust™ Applicator for Ultra-Fit™ Crimp Terminals, 20-22 AWG (UL1061) wires	0639041700

Hand Crimp Tool 0638275400
for Ultra-Fit™ Crimp
Terminals, 20-22
AWG (UL1061) wires

This document was generated on 04/04/2016

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION