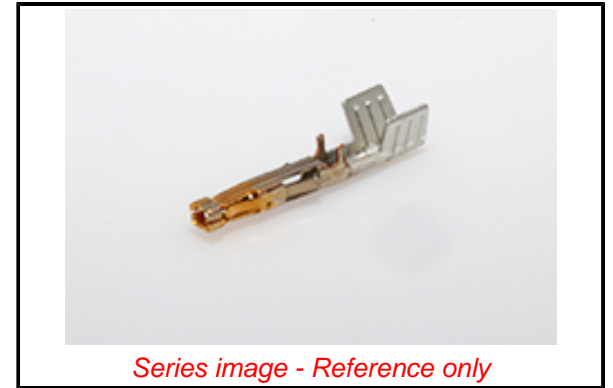


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1720630312](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 12 AWG, Reel

Documents:

Drawing (PDF)	Test Summary TS-76823-001-001 (PDF)
Product Specification PS-76823-100-001 (PDF)	Test Summary TS-76823-100-001 (PDF)
Application Specification AS-76823-100-001 (PDF)	RoHS Certificate of Compliance (PDF)
Packaging Specification PK-76823-001-001 (PDF)	Product Literature (PDF)



General

Product Family	Crimp Terminals
Series	172063
Application	Power, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	887191474595

Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.340/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	4.35mm (0.171")
Wire Size AWG	12
Wire Size mm ²	N/A

Electrical

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V

Solder Process Data

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

Material Info

Reference - Drawing Numbers

Application Specification	AS-76823-100-001
Packaging Specification	PK-76823-001-001
Product Specification	PS-76823-100-001
Sales Drawing	SD-76823-0100-001
Test Summary	TS-76823-001-001, TS-76823-100-001

EU ELV

Compliant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Compliant

Not Contained

Search Parts in this Series

[172063](#) Series

Use With

Mega-Fit Non-TPA Capable Receptacle Housings [1716920102](#) , [1716920104](#) , [1716920106](#) , [1716920108](#) , [1716920110](#) , [1716920112](#) , [1700010102](#) , [1700010104](#) , [1700010106](#) , [1700010108](#) , [1700010110](#) , [1700010112](#)

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 Mega-Fit Female Crimp Terminals, 12-16 AWG	2002187200
Extraction Tool for Mega-Fit Crimp	638240810

Terminals, 12-16
AWG

Hand Crimp Tool 638274900
for Mega-Fit Crimp

Terminals, mm²

Wires

FineAdjust Applicator 639023400
for Mega-Fit Female

Terminals

This document was generated on 01/10/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[172063-0312 \(Cut Strip\)](#) [172063-0312 \(Mouser Reel\)](#) [172063-0312 \(Loose Piece\)](#)