

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1054180313](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Crimp Terminal, Male, 0.35µm Gold (Au) Plating, 12 AWG, Reel

Documents:

Drawing (PDF)	Packaging Specification 1054170100-000 (PDF)
Product Specification 1054171000-PS-000 (PDF)	Datasheet (PDF)
Application Specification 768232000-AS-000 (PDF)	RoHS Certificate of Compliance (PDF)

General

Product Family	Crimp Terminals
Series	105418
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130081325

Physical

Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.360/g
Packaging Type	Reel
Plating min - Mating	0.356µm
Plating min - Termination	1.524µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	4.06mm max.
Wire Size AWG	12
Wire Size mm ²	4.00

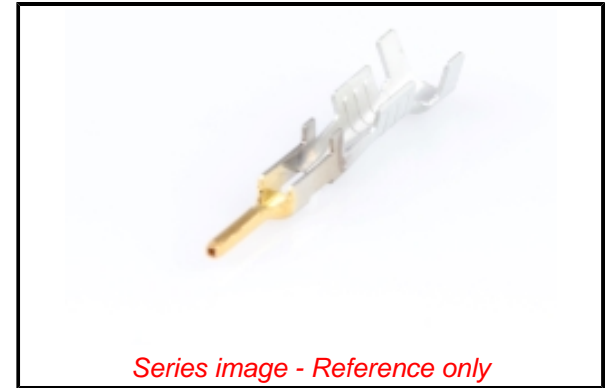
Electrical

Current - Maximum per Contact	25.0A
Voltage - Maximum	600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	768232000-AS-000
Packaging Specification	1054170100-000
Product Specification	1054171000-PS-000
Sales Drawing	1054170100-000



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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

[105418 Series](#)

Use With

Mega-Fit Plug Housing [105411](#) , [213814](#) ,
[213815](#)

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 [2002180900](#)

Mega-Fit Male and
Female Terminals,
12 AWG

FineAdjust Applicator [639043700](#)

for Mega-Fit
Male and Female
Terminals, 12 AWG,
UL1015

FineAdjust Applicator 639043800
for Mega-Fit
Male and Female
Terminals, 12 AWG,
UL1007

This document was generated on 07/16/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION