

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [1054181313](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: [Mega-Fit Crimp Terminal, Male, 0.75µm Gold \(Au\) Plating, 12 AWG, Reel](#)

Documents:

| | |
|---|--|
| Drawing (PDF) | Application Specification 768232000-AS-000 (PDF) |
| Product Specification 1054171000-PS-000 (PDF) | Packaging Specification 1054170100-000 (PDF) |
| Product Specification 1054171000-PS-CH-000 (PDF) | Datasheet (PDF) |
| Product Specification 1054171000-PS-KO-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 1054171000-PS-SPA-000 (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 | 191130081349 |

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 | 0.750µm |
| 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 |

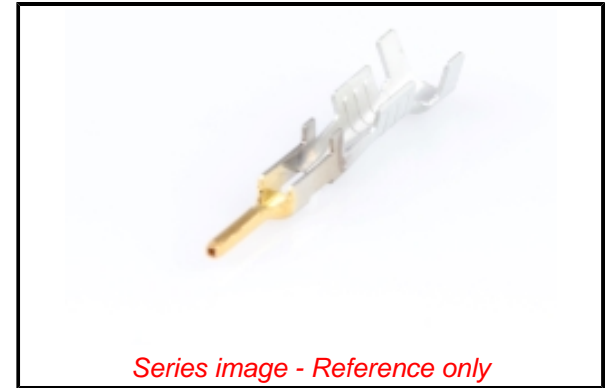
Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 26.0A |
| 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, 1054171000-PS-CH-000, 1054171000-PS-KO-000, 1054171000-PS-SPA-000 |
| Sales Drawing | 1054170100-000 |



EU ELV

Not Relevant

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

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

Extraction Tool for [2002221200](#)
Mega-Fit Crimp
Terminals, 14-16
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 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Headers & Wire Housings](#) category:

Click to view products by [Molex](#) manufacturer:

Other Similar products are found below :

[892-18-020-10-001101](#) [58102-G61-06LF](#) [582553-1](#) [0009485154](#) [009176003701906](#) [0050291907](#) [LY20-4P-DT1-P1E-BR](#) [02.125.8002.8](#)
[609-3404](#) [61062-3](#) [622-0430](#) [622-3653LF](#) [63453-116](#) [636-1030](#) [636-1427](#) [636-3427](#) [636-4007](#) [641938-9](#) [641991-4](#) [644827-2](#) [65817-010LF](#)
[65817-015LF](#) [65863-015LF](#) [66207-023LF](#) [67095-007LF](#) [67601157](#) [68648-049](#) [70.362.1628.0](#) [70-4210](#) [70-4226B](#) [70-4853B](#) [707-5020](#) [707-5028](#) [71.350.2428.0](#) [71918-208LF](#) [71961-016LF](#) [733-134](#) [733-162](#) [754199-000](#) [760-3052](#) [787-8014-00](#) [79531-3000](#) [FCN-360C032-B](#) [FCN-367T-T012/H](#) [FCN-723D010/2](#) [80.063.4001.1](#) [800-90-001-10-001000](#) [800-90-010-10-002000](#) [801-43-002-10-013000](#) [801-43-006-10-002000](#)