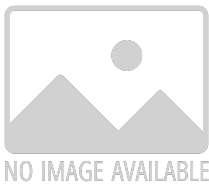




**Part Number :** [1054180312](#)  
**Product Description :** Mega-Fit Crimp  
Terminal, Male, 0.38µm Gold (Au) Plating, 10  
AWG, Reel  
**Series Number :** 105418  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings

[Drawing 1054180312\\_sd.pdf](#)  
[Packaging Design Drawing 1054170100-000.pdf](#)

### Specifications

[Application Specification 768232000-AS-000.pdf](#)  
[Product Specification 1054171000-PS-000.pdf](#)  
[Product Specification 1720631000-PS-000.pdf](#)  
[Test Summary 1720631000-TS-000.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D

- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Crimp Terminals
Series	105418
Description	Mega-Fit Crimp Terminal, Male, 0.38µm Gold (Au) Plating, 10 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	195842322189

#### Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	600V AC (RMS)/DC

#### Physical

Durability (mating cycles max)	200
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.510/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.607mm max.
Wire Size (AWG)	10
Wire Size mm <sup>2</sup>	6.00

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## Use with Part(s)

Description	Part Number
Mega-Fit Free Hanging Dual Row Plug Housings	<u>105411</u>
Mega-Fit Single Row Plug Housings	<u>213814</u>
Mega-Fit Single Row Plug Housings	<u>213815</u>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mega-Fit Crimp Terminals, 14-16 AWG	<u>2002221200</u>
FineAdjust Applicator for Mega-Fit Wire-to-Wire Crimp Terminals, 10 AWG	<u>2037024200</u>
Hand Crimp Tool for Mega-Fit Wire-to-Wire Crimp Terminals, 10 AWG	<u>2133096000</u>