



**Part Number :** [1054170333](#)  
**Product Description :** Mega-Fit Crimp  
Terminal, Male, Tin (Sn) Plating, 12 or 16+16  
AWG, Reel  
**Series Number :** 105417  
**Status :** Active  
**Product Category :** Crimp Terminals



## Documents & Resources

### Drawings


[Drawing 1054170333\\_sd.pdf](#)  
[Packaging Design Drawing 1054170100-000.pdf](#)

### Specifications

[Application Specification 768232000-AS-000.pdf](#)  
[Product Specification 1054171000-PS-000.pdf](#)  
[Product Specification 1054171000-PS-CH-000.pdf](#)  
[Product Specification 1054171000-PS-KO-000.pdf](#)  
[Product Specification 1054171000-PS-SPA-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)3788-DC (14 Jun 2023)
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

---

## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	105417
Description	Mega-Fit Crimp Terminal, Male, Tin (Sn) Plating, 12 or 16+16 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130079001

### Electrical

Current - Maximum per Contact	26.0A
Voltage - Maximum	600V AC (RMS)/DC

### Physical

Durability (mating cycles max)	25
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.360/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.06mm max.
Wire Size (AWG)	12, 16+16

Wire Size mm <sup>2</sup>	4.00
---------------------------	------

## 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>

## Application Tooling

### Global

Description	Part Number
Extraction Tool for Mega-Fit Crimp Terminals, 14-16 AWG	<u>2002221200</u>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1015	<u>0639043700</u>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1007	<u>0639043800</u>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 16+16 AWG (UL 1007 / UL 1061) Wire	<u>2037025000</u>
Hand Crimp Tool for Mega-Fit Male and Female Crimp Terminals, 12 AWG Wire	<u>2238631300</u>

This document was generated on Dec 09, 2023