

**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:**

<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification 1054170100-000 (PDF)</a>
<a href="#">Product Specification 1054171000-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Application Specification 768232000-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	Crimp Terminals
Series	<a href="#">105418</a>
Application	Power, Wire-to-Wire
Crimp Quality Equipment	Yes
Overview	<a href="#">Mega-Fit Power Connectors</a>
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 <sup>2</sup>	4.00

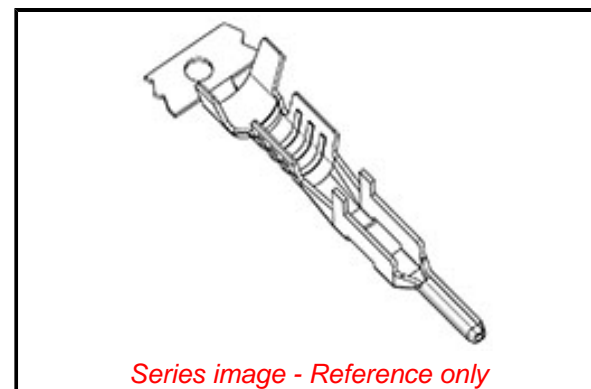
**Electrical**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 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](#)

**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 Male and Female Terminals, 12 AWG	<a href="#">2002180900</a>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1015	<a href="#">639043700</a>
FineAdjust Applicator for Mega-Fit	<a href="#">639043800</a>

Male and Female  
Terminals, 12 AWG,  
UL1007

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