

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1054181314](#)  
**Status:** **Active**  
**Overview:** Mega-Fit Power Connectors  
**Description:** Mega-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 14, 16, 18+18, or 20+20 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification 768232000-AS-000 (PDF)</a>
<a href="#">Product Specification 1054171000-PS-000 (PDF)</a>	<a href="#">Packaging Specification 1054170100-000 (PDF)</a>
<a href="#">Product Specification 1054171000-PS-CH-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification 1054171000-PS-KO-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 1054171000-PS-SPA-000 (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
Taxonomy	Crimp Terminals
UPC	191130081356

**Physical**

Durability (mating cycles max)	200
Gender	Male
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.330/g
Packaging Type	Reel
Plating min - Mating	0.762µm
Plating min - Termination	1.524µm
Termination Interface: Style	Crimp or Compression
Wire Insulation Diameter	3.15-3.58mm max.
Wire Size AWG	14, 16, 18+18, 20+20
Wire Size mm <sup>2</sup>	1.50-2.50

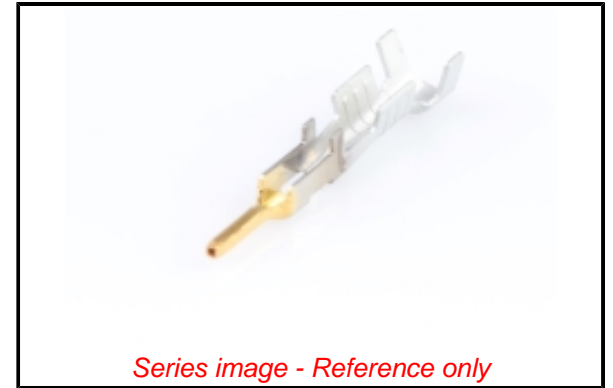
**Electrical**

Current - Maximum per Contact	21.0A
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(2022)4187-DC (10  
June 2022)

**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 #**

Extraction Tool for Mega-Fit Crimp Terminals, 14-16 AWG	<a href="#">2002221200</a>
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Hand Crimp Tool for Mega-Fit Crimp Terminals, 14 AWG, UL1007 and UL1015 Wire	<a href="#">2133091300</a>
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Hand Crimp Tool 2133091400  
for Mega-Fit Crimp  
Terminals, 16 AWG,  
UL1007 and UL1015  
Wire  
FineAdjust Applicator639043500  
for Mega-Fit Crimp  
Terminals, 14-16  
AWG, UL1015 Wire  
FineAdjust Applicator639043600  
for Mega-Fit Crimp  
Terminals, 14-16  
AWG, UL1007 Wire

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