



Part Number : [1054180313](#)
Product Description : Mega-Fit Crimp Terminal,
Male, 0.38µm Gold (Au) Plating, Double 16+16 or Single
12 AWG, Reel
Series Number : 105418
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

- [1054180313 sd.pdf](#)
- [1054170100-000.pdf](#)
- [STEP AP242](#)
- [SOLIDWORKS](#)
- [Creo](#)

Specifications

- [768232000-AS-000.pdf](#)
- [1054171000-PS-000.pdf](#)
- [1054171000-PS-CH-000.pdf](#)
- [1054171000-PS-KO-000.pdf](#)
- [1054171000-PS-SPA-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	Crimp Terminals
Series	105418
Description	Mega-Fit Crimp Terminal, Male, 0.38µm Gold (Au) Plating, Double 16+16 or Single 12 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Mega-Fit
UPC	191130081325

Electrical

Current - Maximum per Contact	26.0A
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	0.360/g
Packaging Type	Reel
Plating min - Mating	0.381µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.06mm max.
Wire Size (AWG)	12, 16+16
Wire Size mm ²	4.00

Mates With / Use With

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, 16-14 AWG	<u>2002221200</u>
FineAdjust Applicator for Mega-Fit Male and Female Crimp Terminals, 12 AWG, UL1015	<u>639043700</u>
FineAdjust Applicator for Mega-Fit Male and Female Crimp Terminals, 12 AWG, UL1007	<u>639043800</u>
FineAdjust Applicator for Mega-Fit Male and Female Crimp Terminals, 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>

