



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
[1054180312_sd.pdf](#)
[1054170100-000.pdf](#)

Specifications
[768232000-AS-000.pdf](#)
[1054171000-PS-000.pdf](#)
[1720631000-PS-000.pdf](#)
[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(2024)6225-DC (07 Nov 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

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 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 ²	6.00

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, 16-14 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>