



Part Number : [1054170333](#)
Product Description : Mega-Fit Crimp
Terminal, Male, Tin (Sn) Plating, Double 16+16
or Single 12 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	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	105417
Description	Mega-Fit Crimp Terminal, Male, Tin (Sn) Plating, Double 16+16 or Single 12 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 ²	4.00
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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>639043700</u>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1007	<u>639043800</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>