Part Number : 1054181312
Product Description : Mega-Fit Crimp Terminal, Male, 0.76µm Gold (Au) Plating, 10 AWG, Reel
Series Number : 105418
Status : Active
Product Category : Crimp Terminals



Documents & Resources

Drawings

1054181312_sd.pdf

1054170100-000.pdf

STEP AP242

SOLIDWORKS

Creo

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	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(2024)7663-DC (21 Jan 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, 0.76µm Gold (Au) Plating, 10 AWG, Reel
Application	Power, Wire-to-Wire
Product Name	Mega-Fit
UPC	195842322196

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	0.762µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.60mm max.
Wire Size (AWG)	10
Wire Size mm^2	6.00

Mates With / Use With

Use with Part(s)

Description	Part Number
Mega-Fit Free Hanging Dual Row Plug Housings	105411
Mega-Fit Single Row Plug Housings	213814
Mega-Fit Single Row Plug Housings	213815

Application Tooling

Global

Description	Part Number
Extraction Tool for Mega-Fit Crimp Terminals, 16-14 AWG	2002221200
FineAdjust Applicator for Mega-Fit Male and Female Crimp Termainals, 10 AWG	2037024200
Hand Crimp Tool for Mega-Fit Wire-to-Wire Crimp Terminals, 10 AWG	2133096000