Part Number : 1054180314

Product Description : Mega-Fit Crimp Terminal, Male, 0.38µm Gold (Au) Plating, 14, 16, 18+18, or 20+20 AWG, Reel

Series Number : 105418

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_1054180314_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	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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, 14, 16, 18+18, or 20+20 AWG, Reel
Application	Power, Wire-to-Wire
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130081332

Electrical

Current - Maximum per Contact	21.0A
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	0.330/g
Packaging Type	Reel
Plating min - Mating	0.381µm
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^2	1.50-2.50

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, 14-16 AWG	2002221200
Hand Crimp Tool for Mega-Fit Crimp Terminals, 14 AWG, UL1007 and UL1015 Wire	2133091300
Hand Crimp Tool for Mega-Fit Crimp Terminals, 16 AWG, UL1007 and UL1015 Wire	2133091400
FineAdjust Applicator for Mega-Fit Crimp Terminals, 14-16 AWG, UL1015 Wire	639043500
FineAdjust Applicator for Mega-Fit Crimp Terminals, 14-16 AWG, UL1007 Wire	639043600