molex



Part Number : 1720630334
Product Description : Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, 0.38µm Gold (Au) Plating, Double 20+20, 18+18 or Single 16-14 AWG, Reel
Series Number : 172063
Status : Active
Product Category : Crimp Terminals

Documents and Resources

Drawings

1720630334_sd.pdf

768230200-000.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	Compliant with Exemption 44; 34; 33
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)7771-DC (04 Feb 2026)
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	172063
Description	Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, 0.38µm Gold (Au) Plating, Double 20+20, 18+18 or Single 16-14 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Name	Mega-Fit
UPC	191130078271

Electrical

Current - Maximum per Contact	21.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Durability (mating cycles max)	200
Gender	Female
Material - Metal	High Conductivity Copper

Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.300/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

Mates With / Use With

Use with Part(s)

Description	Part Number
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920202
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920204
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920206
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920208
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 10 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920210
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 12 Circuit, UL 94V-0, Glow-Wire Capable, Black	1716920212
Mega-Fit Tangless TPA-Capable	2004561212

Receptacle Housing, Single Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 3 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561213
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561214
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 5 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561215
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561216
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 7 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561217
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	2004561218

Application Tooling

Global

Description	Part Number
Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	11030016
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,	2133091400

UL1007 and UL1015 Wire	
FineAdjust Applicator for Mega-Fit Male and Female Crimp Terminals, 16-14 AWG, UL1015 Wire	639043500
FineAdjust Applicator for Mega-Fit Male and Female Crimp Terminals, 16-14 AWG, UL1007 Wire	639043600