Part Number : 768230344

Product Description : Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, Tin (Sn) Plating, 14, 16, 18+18, or 20+20 AWG, Reel

Series Number : 76823

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings

Drawing_768230344_sd.pdf

Packaging Design Drawing_768230200-000.pdf

Specifications

Application Specification_768232000-AS-000.pdf

Product Specification_1054171000-PS-000.pdf

Product Specification_1720631000-PS-000.pdf

Test Summary_1720631000-TS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	76823
Description	Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, Tin (Sn) Plating, 14, 16, 18+18, or 20+20 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130078219

Electrical

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

Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.300/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
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 Tangless TPA-Capable Receptacle Housing, Dual Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920202.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920204.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920206.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920208.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 10 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920210.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 12 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/1716920212.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561212.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 3 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561213.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561214.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 5 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561215.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561216.html
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 7 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561217.html

Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	/content/molex/molex-dot-com/us/en/products/product-page.html/2004561218.html

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, 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