molex

Part Number : 768230321

Product Description : Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 16-14 AWG, Reel

Series Number : 76823

Status : Active

Product Category : Crimp Terminals

Documents & Resources

Drawings
Drawing 768230321_sd.pdf
Packaging Design Drawing PK-76823-001-001.pdf

Specifications
Application Specification AS-76823-100-001.pdf
Product Specification PS-76823-100-001.pdf
Test Summary TS-76823-001-001.pdf
Test Summary TS-76823-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
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	76823
Description	Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 16-14 AWG, Reel
Application	Power, Wire-to-Board
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	887191178547

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	Matte Tin
Material - Plating Termination	Matte Tin
Net Weight	0.370/g
Packaging Type	Reel
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	3.18-3.66mm max.
Wire Size (AWG)	14, 16

Wire Size mm²	1.50-2.50

Solder Process Data

Lead-Free Process Capability	N/A

Use with Part(s)

Description	Part Number
Mega-Fit Receptacle Housing, Dual Row, 2 Circuit, Glow-Wire Capable, Bag	1700010102
Mega-Fit Receptacle Housing, Dual Row, 4 Circuit, Glow-Wire Capable, Bag	1700010104
Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, Glow-Wire Capable, Bag	1700010106
Mega-Fit Receptacle Housing, Dual Row, 8 Circuit, Glow-Wire Capable, Bag	1700010108
Mega-Fit Receptacle Housing, Dual Row, 10 Circuit, Glow-Wire Capable, Bag	1700010110
Mega-Fit Receptacle Housing, Dual Row, 12 Circuit, Glow-Wire Capable, Bag	1700010112
Mega-Fit Receptacle Housing, Dual Row, 2 Circuit, UL 94 V-0, Bag	1716920102
Mega-Fit Receptacle Housing, Dual Row, 4 Circuit, UL 94 V-0, Bag	1716920104
Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, UL 94 V-0, Bag	1716920106
Mega-Fit Receptacle Housing, Dual Row, 8 Circuit, UL 94 V-0, Bag	1716920108
Mega-Fit Receptacle Housing, Dual Row, 10 Circuit, UL 94 V-0, Bag	1716920110
Mega-Fit Receptacle Housing, Dual Row, 12 Circuit, UL 94 V-0, Bag	1716920112

Application Tooling

Global

Description	Part Number

Extraction Tool for Mega-Fit Crimp Terminals, 16-12 AWG	638240810
Hand Crimp Tool for Mega-Fit Crimp Terminals, mm² Wires	638274900
FineAdjust Applicator for Mega-Fit Crimp Terminals, for 16-14 AWG or 1.00mm² and 1.50mm² Wire with Insulation Diameter 2.36-3.56mm	639023300
Hand Crimp Tool for Mega-Fit Female Crimp Terminals, 16-12 AWG Wire	2238631200

Application Tooling

Japan

Description	Part Number
S-1 Applicator for Mega-Fit Female Terminals, 1.00mm²-1.50mm², 16-14 AWG	2052123700

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