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

768230321_sd.pdf

PK-76823-001-001.pdf

STEP AP242

SOLIDWORKS

Creo

Specifications

AS-76823-100-001.pdf

PS-76823-100-001.pdf

TS-76823-001-001.pdf

TS-76823-100-001.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)4165-DC (25 June 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	76823
Description	Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 16-14 AWG, Reel
Application	Power, Wire-to-Board
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 mm^2	1.50-2.50

Solder Process Data

Lead-Free Process Capability	N/A

Mates With / Use With

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	1716920108

Row, 8 Circuit, UL 94 V-0, Bag	
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, mm^2 Wires	638274900
FineAdjust Applicator for Mega-Fit Crimp Terminals, for 16-14 AWG or 1.00mm^2 and 1.50mm^2 Wire with Insulation Diameter 2.36-3.56mm	639023300
Hand Crimp Tool for Mega-Fit Female Crimp Terminals, 16-12 AWG Wire	2238631200

Japan

Description	Part Number
S-1 Applicator for Mega-Fit Female Terminals, 1.00mm^2-1.50mm^2, 16-14 AWG	2052123700