Part Number : 1720630312
Product Description : Mega-Fit Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 12 AWG, Reel
Series Number : 172063
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

1720630312_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	Not Relevant
China RoHS	per SJ/T 11365-2006
EU ELV	Compliant per 2000/53/EC
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

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- 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 Crimp Terminal, Female, 0.38µm Gold (Au) Plating, 12 AWG, Reel
Application	Power, Wire-to-Board
Product Name	Mega-Fit
UPC	887191474595

Electrical

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V AC (RMS)/DC

Physical

Gender	Female
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Net Weight	0.432/g
Packaging Type	Reel
Plating min - Mating	0.381µm

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Plating min - Termination	2.540µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.35mm (0.171")
Wire Size (AWG)	12
Wire Size mm^2	2.50, 4.00

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

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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, AWG Wires	638257100
Hand Crimp Tool for Mega-Fit Crimp Terminals, mm^2 Wires	638274900
FineAdjust Applicator for Mega-Fit Female Terminals	639023400
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, 12 AWG	2251333700

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