



Part Number : 768230322

Series Number : 76823

Product Category : Crimp Terminals

Product Description : Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 12 AWG, Reel

Status : Active

Documents & Resources

Drawings

Drawing 768230322_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

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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, 12 AWG, Reel
Application	Power, Wire-to-Board
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	887191178554

Electrical

Current - Maximum per Contact	23.0A
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	0.380/g
Packaging Type	Reel
Plating min - Mating	1.524µm
Plating min - Termination	1.524µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.11mm max.
Wire Size (AWG)	12
Wire Size mm ²	4.00

Solder Process Data

Lead-Free Process Capability	N/A
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Use with Part(s)

Description	Part Number
Mega-Fit Receptacle Housing, Dual Row, 2 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010102.html
Mega-Fit Receptacle Housing, Dual Row, 4 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010104.html
Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010106.html
Mega-Fit Receptacle Housing, Dual Row, 8 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010108.html
Mega-Fit Receptacle Housing, Dual Row, 10 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010110.html
Mega-Fit Receptacle Housing, Dual Row, 12 Circuit, Glow-Wire Capable, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1700010112.html
Mega-Fit Receptacle Housing, Dual Row, 2 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920102.html
Mega-Fit Receptacle Housing, Dual Row, 4 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920104.html
Mega-Fit Receptacle Housing, Dual Row, 6 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920106.html
Mega-Fit Receptacle Housing, Dual Row, 8 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920108.html
Mega-Fit Receptacle Housing, Dual Row, 10 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920110.html
Mega-Fit Receptacle Housing, Dual Row, 12 Circuit, UL 94 V-0, Bag	/content/molex/molex-dot-com/us/en/products/product-page-pdf.html/1716920112.html

Application Tooling

Global

Description	Part Number
Extraction Tool for Mega-Fit Crimp Terminals, 12-16 AWG	<u>638240810</u>
Hand Crimp Tool for Mega-Fit Crimp Terminals, mm ² Wires	<u>638274900</u>
FineAdjust Applicator for Mega-Fit Female Terminals	<u>639023400</u>
Hand Crimp Tool for Mega-Fit Female Crimp Terminals, 12-16 AWG Wire	<u>2238631200</u>