



Part Number : [768230322](#)
Product Description : Mega-Fit Crimp Terminal,
Female, Tin (Sn) Plating, 12 AWG, Reel
Series Number : 76823
Status : Active
Product Category : Crimp Terminals



Documents and Resources

Drawings

- [768230322 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)7771-DC (04 Feb 2026)
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, 12 AWG, Reel
Application	Power, Wire-to-Board
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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Mates With / Use With

Use with Part(s)

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

Dual Row, 6 Circuit, UL 94 V-0, Bag	
Mega-Fit Receptacle Housing, Dual Row, 8 Circuit, UL 94 V-0, Bag	<u>1716920108</u>
Mega-Fit Receptacle Housing, Dual Row, 10 Circuit, UL 94 V-0, Bag	<u>1716920110</u>
Mega-Fit Receptacle Housing, Dual Row, 12 Circuit, UL 94 V-0, Bag	<u>1716920112</u>

Application Tooling

Global

Description	Part Number
Extraction Tool for Mega-Fit Crimp Terminals, 16-12 AWG	<u>638240810</u>
Hand Crimp Tool for Mega-Fit Crimp Terminals, AWG Wires	<u>638257100</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, 16-12 AWG Wire	<u>2238631200</u>