

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0768230321](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit Crimp Terminal, Female, Tin (Sn) Plating, 14 and 16 AWG, Reel

**Documents:**

<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76823-001-001 (PDF)</a>
<a href="#">Product Specification PS-76823-100-001 (PDF)</a>	<a href="#">Test Summary TS-76823-100-001 (PDF)</a>
<a href="#">Application Specification AS-76823-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Packaging Specification PK-76823-001-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>



**General**

Product Family	Crimp Terminals
Series	76823
Application	Power, Wire-to-Board
Crimp Quality Equipment	Yes
Overview	<a href="#">Mega-Fit Power Connectors</a>
Product Name	Mega-Fit
UPC	887191178547

**Physical**

Gender	Female
Material - Metal	Copper Alloy
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	3.75mm (0.148")
Wire Size AWG	14, 16
Wire Size mm <sup>2</sup>	N/A

**Electrical**

Current - Maximum per Contact	23.0A
Voltage - Maximum	600V

**Solder Process Data**

Lead-free Process Capability	N/A
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**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-76823-100-001
Packaging Specification	PK-76823-001-001
Product Specification	PS-76823-100-001
Sales Drawing	SD-76823-0100-001
Test Summary	TS-76823-001-001, TS-76823-100-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[76823 Series](#)

**Use With**

Mega-Fit Non-TPA Capable Receptacle Housings [1716920102](#) , [1716920104](#) , [1716920106](#) , [1716920108](#) , [1716920110](#) , [1716920112](#) , [1700010102](#) , [1700010104](#) , [1700010106](#) , [1700010108](#) , [1700010110](#) , [1700010112](#)

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

Hand Crimp Tool for Mega-Fit Female Crimp Terminals, 12-16 AWG	<a href="#">2002187200</a>
Extraction Tool for Mega-Fit Crimp	<a href="#">638240810</a>

Terminals, 12-16  
AWG

Hand Crimp Tool 638274900  
for Mega-Fit Crimp

Terminals, mm<sup>2</sup>

Wires

FineAdjust Applicator 639023300  
for Mega-Fit Crimp

Terminals, for

14-16 AWG or

1.00mm<sup>2</sup> and

1.50mm<sup>2</sup> Wire with

Insulation Diameter

2.36-3.56mm

**Japan**

**Description**

**Product #**

S-1 Applicator

2052123700

for Mega-Fit

Female Terminals,

1.00mm<sup>2</sup>-1.50mm<sup>2</sup>,

14-16 AWG

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