



Part Number : [768230343](#)

Product Description : Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, Tin (Sn) Plating, 12 or 16+16 AWG, Reel

Series Number : 76823

Status : Active

Product Category : Crimp Terminals



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## Documents & Resources

### Drawings

[Drawing 768230343\\_sd.pdf](#)

[Packaging Design Drawing 768230200-000.pdf](#)

### Specifications

[Application Specification 768232000-AS-000.pdf](#)

[Product Specification 1054171000-PS-000.pdf](#)


[Product Specification 1720631000-PS-000.pdf](#)

[Test Summary 1720631000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)3788-DC (14 Jun 2023)
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

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## Part Details

### General

Status	Active
Category	Crimp Terminals
Series	76823
Description	Mega-Fit Tangless TPA-Capable Crimp Terminal, Female, Tin (Sn) Plating, 12 or 16+16 AWG, Reel
Application	Power, Wire-to-Board, Wire-to-Wire
Product Family	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130078004

### Electrical

Current - Maximum per Contact	26.0A
Voltage - Maximum	600V AC (RMS)/DC

### Physical

Durability (mating cycles max)	25
Gender	Female
Material - Metal	High Conductivity Copper
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	0.330/g
Packaging Type	Reel
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Termination Interface Style	Crimp or Compression
Wire Insulation Diameter	4.06mm max.
Wire Size (AWG)	12, 16+16

Wire Size mm <sup>2</sup>	4.00
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## Use with Part(s)

Description	Part Number
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920202.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920202.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920204.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920204.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920206.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920206.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920208.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920208.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 10 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920210.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920210.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Dual Row, 12 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/1716920212.html">/content/molex/molex-dot-com/us/en/products/product-page.html/1716920212.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 2 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561212.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561212.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 3 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561213.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561213.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 4 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561214.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561214.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 5 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561215.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561215.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 6 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561216.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561216.html</a>

Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 7 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561217.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561217.html</a>
Mega-Fit Tangless TPA-Capable Receptacle Housing, Single Row, 8 Circuit, UL 94V-0, Glow-Wire Capable, Black	<a href="/content/molex/molex-dot-com/us/en/products/product-page.html/2004561218.html">/content/molex/molex-dot-com/us/en/products/product-page.html/2004561218.html</a>

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## Application Tooling

### Global

Description	Part Number
Extraction Tool for Flat Blade, 3.96mm KK, 2.00mm, 3.96mm EdgeMate, and Ultra-Fit Terminals	<a href="#">0011030016</a>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1015	<a href="#">0639043700</a>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 12 AWG, UL1007	<a href="#">0639043800</a>
FineAdjust Applicator for Mega-Fit Male and Female Terminals, 16+16 AWG (UL 1007 / UL 1061) Wire	<a href="#">2037025000</a>
Hand Crimp Tool for Mega-Fit Male and Female Crimp Terminals, 12 AWG Wire	<a href="#">2238631300</a>