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**Part Number:** [76825-0002](#)  
**Status:** **Active**  
**Overview:** Mega-Fit® Power Connectors  
**Description:** Mega-Fit® Right-Angle Header, 2 Circuits, Tin (Sn) Plating, UL 94 V-0, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-76823-100 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76825-001 (PDF)</a>
<a href="#">Product Specification PS-76823-100 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76823-100 (PDF)</a>	

**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">76825</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit® Power Connectors</a>
Product Name	Mega-Fit®
UPC	887191453835

**Physical**

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
Color - Resin	Black
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Compliant	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	16.78mm
Material - Metal	Copper
Material - Plating Mating	Nickel
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	1.935/g
Number of Rows	2
Orientation	Right Angle
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.57mm, 2.36mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	1.524µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole
Unmated Height	14.53mm

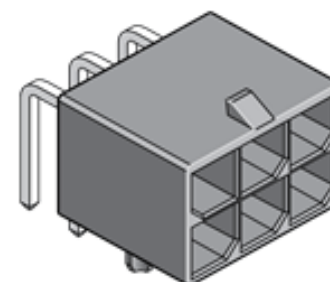


image - Reference only

Series

**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[76825Series](#)

**Mates With**

Mega-Fit® Male Crimp Housing [171692](#) , [170001](#)

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info****Reference - Drawing Numbers**

Application Specification	AS-76823-100
Product Specification	PS-76823-100
Sales Drawing	SD-76825-0100
Test Summary	TS-76823-100, TS-76825-001

This document was generated on 05/22/2015

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