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**Part Number:** [1720650212](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Glow Wire Capable, Black

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification 768291100-000 \(PDF\)](#)  
[Product Specification PS-76823-100-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification TS-76823-100-001 \(PDF\)](#) [Product Literature \(PDF\)](#)  
[Application Specification AS-76823-100-001 \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	PCB Headers
Series	<a href="#">172065</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit Power Connectors</a>
Product Literature Order No	987650-5401
Product Name	Mega-Fit
UPC	889056897235

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Glow-Wire Compliant	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	16.78mm
Material - Metal	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	6.631/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.73mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40°C to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm

**Electrical**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[172065](#) Series

**Mates With**

Mega-Fit Receptacle Housing [171692](#) ,  
[170001](#)

Current - Maximum per Contact  
Voltage - Maximum

23.0A  
600V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-76823-100-001

Packaging Specification

768291100-000

Product Specification

PS-76823-100-001, TS-76823-100-001

Sales Drawing

768290002-000

This document was generated on 11/03/2017

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