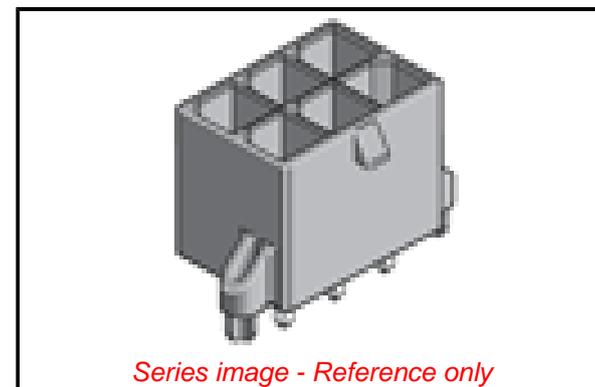


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**Part Number:** [1720650012](#)  
**Status:** **Active**  
**Overview:** Mega-Fit® Power Connectors  
**Description:** 5.70mm Pitch, Mega-Fit® Vertical Header, 12 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification TS-76829-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Application Specification AS-76823-100-001 (PDF)</a>
<a href="#">Product Specification PS-76823-100-001 (PDF)</a>	<a href="#">Packaging Specification PK-31301-976 (PDF)</a>
<a href="#">Product Specification TS-76823-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172065</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit® Power Connectors</a>
Product Name	Mega-Fit®
UPC	887191453989

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	6.718/g
Number of Rows	2
Orientation	Vertical
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	0.381µm
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 +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.03mm

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/21/2016 (20 June 2016)

**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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

**Search Parts in this Series**

[172065](#) Series

**Mates With**

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

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	030
Lead-free Process Capability	SMC&WAVE
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	260

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

Application Specification	AS-76823-100-001
Packaging Specification	PK-31301-976
Product Specification	PS-76823-100-001, TS-76823-100-001, TS-76829-001-001
Sales Drawing	SD-76829-0100-000

This document was generated on 12/16/2016

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