

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

**Part Number:** [1720651012](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 12 Circuits, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-31301-976-000 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary TS-76823-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76829-001-001 (PDF)</a>
<a href="#">Product Specification 1720631000-PS-000 (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">Product Specification PS-76823-100-001 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172065-1012-001 (PDF)</a>
<a href="#">Application Specification 768232000-AS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76823-100-001 (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	887191559032

**Physical**

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	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	6.728/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.73mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm, 2.36mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**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**

[172065 Series](#)

**Mates With**

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

Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm

**Electrical**

Current - Maximum per Contact	23.5A
Voltage - Maximum	600V AC (RMS)/DC

**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	768232000-AS-000, AS-76823-100-001
Packaging Specification	PK-31301-976-000
Product Specification	1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76829-0100-000
Symbol/Footprint Data	SYM-172065-1012-001
Test Summary	TS-76823-100-001, TS-76829-001-001

This document was generated on 10/06/2021

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Headers & Wire Housings](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[0009485154](#) [0009624107](#) [0009652039](#) [0010894262](#) [00136](#) [0014563224](#) [0015477550](#) [0015917081](#) [00201300061](#) [0022102161](#) [0022173172](#)  
[0022173242](#) [0022283030](#) [0026482241](#) [0026604103](#) [0039026044](#) [0039036124](#) [0050291907](#) [0050304461](#) [0050361796](#) [0050650112](#) [005093X](#)  
[005758D](#) [005759B](#) [008263021200000+](#) [008263021200001+](#) [008263031200000+](#) [008263041200000+](#) [008263061200000+](#)  
[008283021100000+](#) [008283021200000+](#) [008283041200000+](#) [008283061100000+](#) [008283061200000+](#) [008283081200000+](#)  
[008283161310000+](#) [008283161400000+](#) [008370127000800](#) [008370151000800+](#) [008370167001800+](#) [008370217000800+](#) [008380026002010](#)  
[008380050002010](#) [008383010000010](#) [008426-000](#) [009021041100339](#) [009021061200339](#) [009021101200339](#) [009021121200339](#)  
[009021142200339](#)