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**Part Number:** [1720650012](#)  
**Status:** **Active**  
**Overview:** Mega-Fit Power Connectors  
**Description:** Mega-Fit Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 12 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-76823-100-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification PK-31301-976-000 (PDF)</a>
<a href="#">Product Specification PS-76823-100-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification TS-76823-100-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Product Specification TS-76829-001-001 (PDF)</a>	

**Agency Certification**

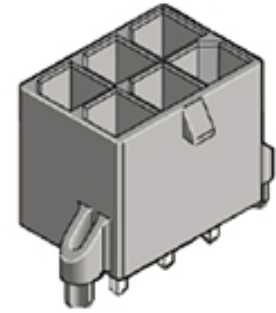
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172065</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit Power Connectors</a>
Product Literature Order No	987650-5401
Product Name	Mega-Fit
UPC	887191453989

**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	6.718/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	0.381µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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](#)

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	23.0A
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	AS-76823-100-001
Packaging Specification	PK-31301-976-000
Product Specification	PS-76823-100-001, TS-76823-100-001, TS-76829-001-001
Sales Drawing	SD-76829-0100-000
Symbol/Footprint Data	SYM-172065-0012

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