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**Part Number:** [0768290010](#)  
**Status:** **Active**  
**Overview:** Mega-Fit® Power Connectors  
**Description:** Mega-Fit™ Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 10 Circuits, Tin, Glow Wire Capable, Black

**Documents:**

[3D Model](#) [Packaging Specification PK-31301-976 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

CSA LR19980  
 UL E29179

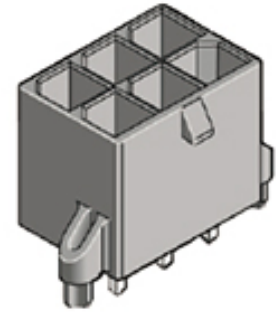
**General**

Product Family PCB Headers  
 Series [76829](#)  
 Application Power, Wire-to-Board  
 Overview [Mega-Fit® Power Connectors](#)  
 Product Name Mega-Fit®  
 UPC 887191454221

**Physical**

Breakaway No  
 Circuits (Loaded) 10  
 Circuits (maximum) 10  
 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 Tin  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 5.656/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 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 14.03mm

**Electrical**



*Series image - Reference only*

**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  
 ELV

Green Image  
 Not Relevant

**Search Parts in this Series**

[76829](#) Series

**Mates With**

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

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**

Packaging Specification	PK-31301-976
Sales Drawing	SD-76829-0100

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