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**Part Number:** [172064-0006](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit™ Right-Angle Header, 6 Circuits, 15µ" Gold (Au) Plating, UL 94 V-0, Tray

**Documents:**  
[3D Model](#)  
[Drawing \(PDF\)](#)  
[Product Specification PS-76823-100 \(PDF\)](#)  
[Test Summary TS-76823-100 \(PDF\)](#)  
[Test Summary TS-76825-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

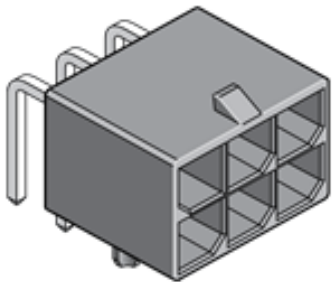
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [172064](#)  
Application Power, Wire-to-Board  
Overview [Mega-Fit Power Connectors](#)  
Product Name Mega-Fit™  
UPC 887191453781

**Physical**

Breakaway No  
Circuits (Loaded) 6  
Circuits (maximum) 6  
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 Nickel  
Material - Plating Termination Gold  
Material - Resin High Temperature Thermoplastic  
Net Weight 4.106/g  
Number of Rows 2  
Orientation Right Angle  
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 +105°C  
Termination Interface: Style Through Hole  
Unmated Height 14.53mm



Series

image - Reference only

**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[172064Series](#)

**Mates With**  
Mega-Fit™ Receptacle Housing [171692](#) ,  
[170001](#)

**Electrical**

Current - Maximum per Contact	23A
Voltage - Maximum	600V

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	30
Lead-free Process Capability	SMC & Wave Capable (TH only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	260

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-76823-100
Sales Drawing	SD-76825-0100
Test Summary	TS-76823-100, TS-76825-001

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