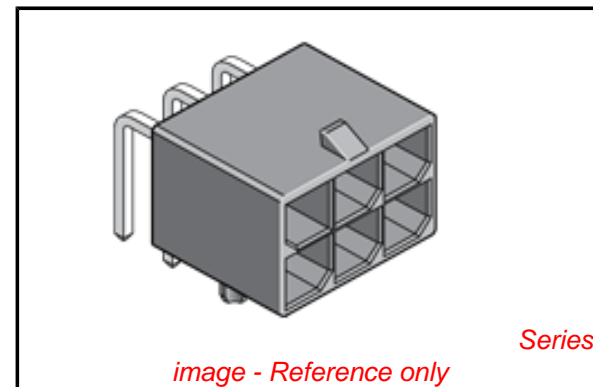


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**Part Number:** [172064-0010](#)  
**Status:** **Active**  
**Overview:** Mega-Fit® Power Connectors  
**Description:** 5.70mm Pitch, Mega-Fit™ Right-Angle Header, 10 Circuits, 381µm Gold (Au) Plating, UL 94 V-0, Tray

**Documents:**

<a href="#">3D Model</a>	<a href="#">Test Summary TS-76823-100 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76825-001 (PDF)</a>
<a href="#">Product Specification PS-76823-100 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-76823-100 (PDF)</a>	



**Agency Certification**

CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172064</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit® Power Connectors</a>
Product Name	Mega-Fit™
UPC	887191453804

**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	Nickel
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	6.620/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 +120°C
Termination Interface: Style	Through Hole

**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**

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

Unmated Height 14.53mm

### **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**

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

This document was generated on 08/14/2014

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