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**Part Number:** [1720640010](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** 5.70mm Pitch, Mega-Fit Right-Angle Header, 10 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

**Documents:**

|                                                               |                                                                  |
|---------------------------------------------------------------|------------------------------------------------------------------|
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification AS-76823-100-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Test Summary TS-76823-100-001 (PDF)</a>              |
| <a href="#">3D Model</a>                                      | <a href="#">Test Summary TS-76825-001-001 (PDF)</a>              |
| <a href="#">Product Specification 1054171000-PS-000 (PDF)</a> | <a href="#">Datasheet (PDF)</a>                                  |
| <a href="#">Product Specification 1720631000-PS-000 (PDF)</a> | <a href="#">Symbol Footprint Data SYM-172064-0010-001 (PDF)</a>  |
| <a href="#">Product Specification PS-76823-100-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (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 Capable              | Yes                            |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 16.78mm                        |
| Material - Metal               | Copper                         |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Tin                            |
| 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° to +120°C                 |



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[172064](#) Series

**Mates With**

Mega-Fit Receptacle Housings [171692](#)  
, [170001](#) . Mega-Fit Overmolded Cable  
Assembly [245136](#)

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Termination Interface: Style                   | Through Hole                                              |
| Unmated Height                                 | 14.53mm                                                   |
| <b>Electrical</b>                              |                                                           |
| Current - Maximum per Contact                  | 23.5A                                                     |
| Voltage - Maximum                              | 600V                                                      |
| <b>Solder Process Data</b>                     |                                                           |
| Duration at Max. Process Temperature (seconds) | 030                                                       |
| Lead-freeProcess Capability                    | SMC&WAVE                                                  |
| Max. Cycles at Max. Process Temperature        | 001                                                       |
| Process Temperature max. C                     | 260                                                       |
| <b>Material Info</b>                           |                                                           |
| <b>Reference - Drawing Numbers</b>             |                                                           |
| Application Specification                      | AS-76823-100-001                                          |
| Product Specification                          | 1054171000-PS-000, 1720631000-PS-000,<br>PS-76823-100-001 |
| Sales Drawing                                  | SD-76825-0100-000                                         |
| Symbol/Footprint Data                          | SYM-172064-0010-001                                       |
| Test Summary                                   | TS-76823-100-001, TS-76825-001-001                        |

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