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Part Number: [172065-0004](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit™ Vertical Header, 4 Circuits, 15μ" Gold (Au) Plating, UL 94 V-0, Tray

Documents:

| | |
|--|--|
| 3D Model | Test Summary TS-76823-100 (PDF) |
| Drawing (PDF) | Test Summary TS-76829-001 (PDF) |
| Product Specification PS-76823-100 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

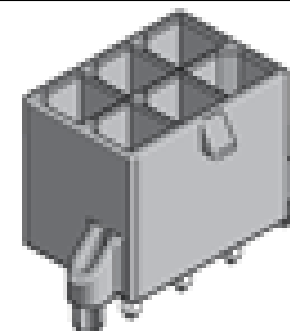
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|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 172065 |
| Application | Power, Wire-to-Board |
| Overview | Mega-Fit Power Connectors |
| Product Name | Mega-Fit™ |
| UPC | 887191453941 |

Physical

| | |
|--------------------------------|--------------------------------|
| Breakaway | No |
| Circuits (Loaded) | 4 |
| Circuits (maximum) | 4 |
| 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 | 2.507/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 | 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 | 14.03mm |



*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
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

[172065Series](#)

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-76829-0100 |
| Test Summary | TS-76823-100, TS-76829-001 |

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