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Part Number: [1720641010](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: 5.70mm Pitch, Mega-Fit Right-Angle Header, 10 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

Documents:

| | |
|---|--|
| Drawing (PDF) | Application Specification AS-76823-100-001 (PDF) |
| 3D Model (PDF) | Test Summary TS-76823-100-001 (PDF) |
| 3D Model | Test Summary TS-76825-001-001 (PDF) |
| Product Specification 1054171000-PS-000 (PDF) | Datasheet (PDF) |
| Product Specification 1720631000-PS-000 (PDF) | Symbol Footprint Data SYM-172064-1010-001 (PDF) |
| Product Specification PS-76823-100-001 (PDF) | RoHS Certificate of Compliance (PDF) |

Agency Certification

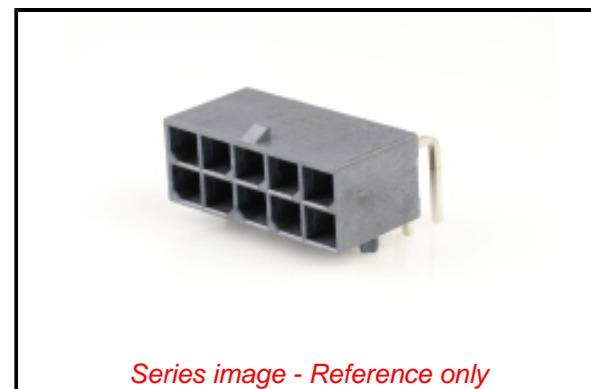
| | |
|-----|---------|
| CSA | LR19980 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 172064 |
| Application | Power, Wire-to-Board |
| Overview | Mega-Fit Power Connectors |
| Product Name | Mega-Fit |
| UPC | 887191558950 |

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 | 6.628/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 | 0.762µm |
| 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(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

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 |

Electrical

| | |
|-------------------------------|-------|
| Current - Maximum per Contact | 23.5A |
| 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**

| | |
|---------------------------|---|
| Application Specification | AS-76823-100-001 |
| Product Specification | 1054171000-PS-000, 1720631000-PS-000, PS-76823-100-001 |
| Sales Drawing | SD-76825-0100-000 |
| Symbol/Footprint Data | SYM-172064-1010-001 |
| Test Summary | TS-76823-100-001, TS-76825-001-001 |

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