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Part Number: [172065-0008](#)
Status: **Active**
Overview: Mega-Fit® Power Connectors
Description: 5.70mm Pitch, Mega-Fit™ Vertical Header, 8 Circuits, 381µm 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) |
| Application Specification AS-76823-100 (PDF) | |

Agency Certification

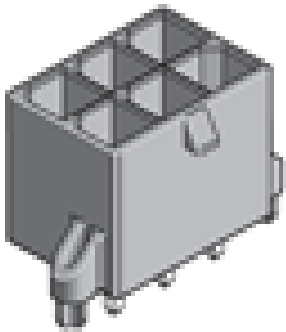
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Overview	Mega-Fit® Power Connectors
Product Name	Mega-Fit™
UPC	887191453965

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	4.599/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 +120°C
Termination Interface: Style	Through Hole



*Series
image - Reference only*

EU RoHS ELV and RoHS Compliant REACH SVHC Contains SVHC: No Low-Halogen Status Low-Halogen	China RoHS
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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
[171692](#) , [170001](#) Mega-Fit™ Receptacle Housings

Unmated Height	14.03mm
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-76829-0100
Test Summary	TS-76823-100, TS-76829-001

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