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Part Number: [172065-0012](#)
Status: **Active**
Overview: Mega-Fit® Power Connectors
Description: 5.70mm Pitch, Mega-Fit™ Vertical Header, 12 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

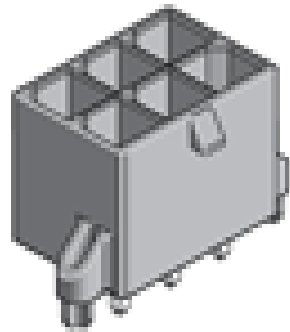
CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Overview	Mega-Fit® Power Connectors
Product Name	Mega-Fit™
UPC	887191453989

Physical

Breakaway	No
Circuits (Loaded)	12
Circuits (maximum)	12
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	6.718/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



**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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