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Part Number: [1720641002](#)
Status: **Active**
Overview: Mega-Fit Power Connectors
Description: 5.70mm Pitch, Mega-Fit Right-Angle Header, 2 Circuits, 0.76µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

Documents:

Drawing (PDF)	Packaging Specification 768250001-PK-000 (PDF)
3D Model	Test Summary 1720631000-TS-000 (PDF)
3D Model (PDF)	Test Summary TS-76823-100-001 (PDF)
Product Specification 1054171000-PS-000 (PDF)	Test Summary TS-76825-001-001 (PDF)
Product Specification 1720631000-PS-000 (PDF)	Datasheet (PDF)
Product Specification PS-76823-100-001 (PDF)	Symbol Footprint Data SYM-172064-1002-001 (PDF)
Application Specification AS-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
Component Type	PCB Header
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
Taxonomy	PCB Headers and Receptacles
UPC	887191558912

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	1.935/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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
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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](#)

Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
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
Packaging Specification	768250001-PK-000
Product Specification	1054171000-PS-000, 1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76825-0100-000
Symbol/Footprint Data	SYM-172064-1002-001
Test Summary	1720631000-TS-000, TS-76823-100-001, TS-76825-001-001

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