

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [1720640008](#)  
**Status:** **Active**  
**Overview:** Mega-Fit Power Connectors  
**Description:** 5.70mm Pitch, Mega-Fit Right-Angle Header, 8 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Glow-Wire Capable, Tray

**Documents:**

<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification PK-76825-0000-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Test Summary TS-76823-100-001 (PDF)</a>
<a href="#">3D Model</a>	<a href="#">Test Summary TS-76825-001-001 (PDF)</a>
<a href="#">Product Specification 1054171000-PS-000 (PDF)</a>	<a href="#">Symbol Footprint Data SYM-172064-0008 (PDF)</a>
<a href="#">Product Specification 1720631000-PS-000 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-76823-100-001 (PDF)</a>	<a href="#">Product Literature (PDF)</a>
<a href="#">Application Specification AS-76823-100-001 (PDF)</a>	

**Agency Certification**

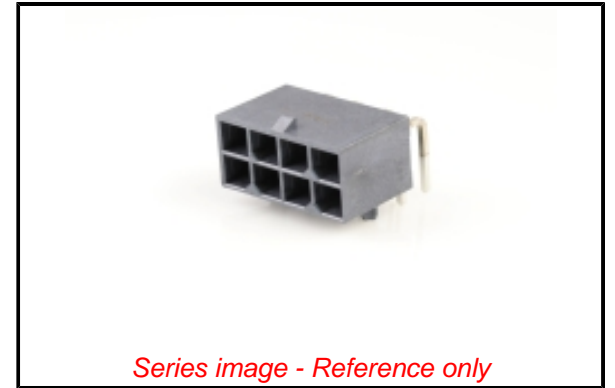
CSA	LR19980
UL	E29179

**General**

Product Family	PCB Headers
Series	<a href="#">172064</a>
Application	Power, Wire-to-Board
Overview	<a href="#">Mega-Fit Power Connectors</a>
Product Name	Mega-Fit
UPC	887191453798

**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	5.356/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	0.381µm
Plating min - Termination	1.270µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 2020)

**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](#)

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	PK-76825-0000-001
Product Specification	1054171000-PS-000, 1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76825-0100-000
Symbol/Footprint Data	SYM-172064-0008
Test Summary	TS-76823-100-001, TS-76825-001-001

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