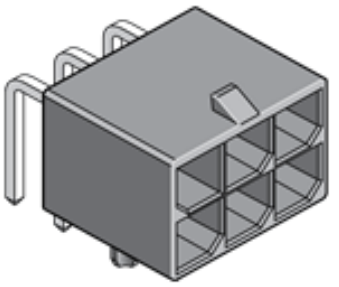
This document was generated on 10/26/2018

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Part Number: 1720640010
Status: Active
Overview: Mega-Fit Power Connectors
Description: 5.70mm Pitch, Mega-Fit Right-Angle Header, 10 Circuits, 0.38µm Gold (Au) Plating, UL 94 V-0, Tray



Series image - Reference only

Documents:

- 3D Model
- Drawing (PDF)
- Product Specification PS-76823-100-001 (PDF)
- Product Specification TS-76823-100-001 (PDF)
- Product Specification TS-76825-001-001 (PDF)
- Application Specification AS-76823-100-001 (PDF)
- Packaging Specification PK-76825-0000-001 (PDF)
- RoHS Certificate of Compliance (PDF)
- Product Literature (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 Literature Order No	987650-5401
Product Name	Mega-Fit
UPC	887191453804

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	6.620/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
Temperature Range - Operating	-40° to +120°C

EU ELV
Not Relevant

EU RoHS | **China RoHS**
Compliant

REACH SVHC
Not Contained Per - ED/61/2018 (27 June 2018)

Halogen-Free Status
Low-Halogen

For more information, please visit Contact US

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series
172064 Series

Mates With
171692 , 170001 Mega-Fit Receptacle Housings

Termination Interface: Style	Through Hole
Unmated Height	14.53mm
Electrical	
Current - Maximum per Contact	23.0A
Voltage - Maximum	600V
Solder Process Data	
Duration at Max. Process Temperature (seconds)	030
Lead-freeProcess 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	PS-76823-100-001, TS-76823-100-001, TS-76825-001-001
Sales Drawing	SD-76825-0100-000
Symbol/Footprint Data	SYM-172064-0010