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Part Number:

1720640010

Status:

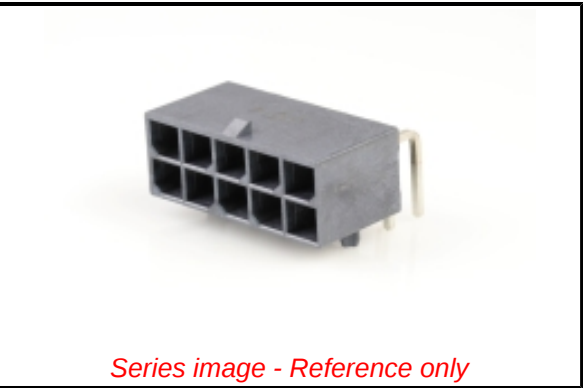
Active

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, Glow-Wire Capable, Tray



Series image - Reference only

Documents:	
3D Model (PDF)	Packaging Specification 768250001-PK-000 (PDF)
Drawing (PDF)	Test Summary 1720631000-TS-000 (PDF)
3D Model	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-172064-0010-001 (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	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

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained per - D(2022)9120-DC (17 Jan 2023)	
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
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-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	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-172064-0010-001
Test Summary	1720631000-TS-000, TS-76823-100-001, TS-76825-001-001

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