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Part Number:

1720650006

Status:

Active

Overview:

Mega-Fit Power Connectors

Description:

Mega-Fit Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 6 Circuits, 0.38µm Gold (Au) Plating, Glow-Wire Capable, Black



Series image - Reference only

- Documents:
- [3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 1720631000-PS-000 \(PDF\)](#)

[Product Specification PS-76823-100-001 \(PDF\)](#)

[Application Specification 768232000-AS-000 \(PDF\)](#)

[Application Specification AS-76823-100-001 \(PDF\)](#)
- [Packaging Specification PK-31301-976-000 \(PDF\)](#)

[Test Summary 1720631000-TS-000 \(PDF\)](#)

[Test Summary TS-76823-100-001 \(PDF\)](#)

[Test Summary TS-76829-001-001 \(PDF\)](#)

[Datasheet \(PDF\)](#)

[Symbol Footprint Data SYM-172065-0006-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	172065
Application	Power, Wire-to-Board
Component Type	PCB Header
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
Taxonomy	PCB Headers and Receptacles
UPC	887191453958

Physical	
Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	200
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	High Conductivity Copper
Material - Plating Mating	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	3.553/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.73mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm, 2.36mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.381µm
Plating min - Termination	2.540µm

EU ELV	
Not Relevant	
EU RoHS	China RoHS
Compliant	
REACH SVHC	
Not Contained Per - D(2022)4187-DC (10 June 2022)	
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

172065 Series

Mates With

Mega-Fit Receptacle Housing [171692](#), [170001](#) . Mega-Fit Overmolded Cable Assembly [245136](#)

Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Yes
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +120°C
Termination Interface: Style	Through Hole
Unmated Height	14.80mm
Electrical	
Current - Maximum per Contact	23.5A
Voltage - Maximum	600V AC (RMS)/DC
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	768232000-AS-000, AS-76823-100-001
Packaging Specification	PK-31301-976-000
Product Specification	1720631000-PS-000, PS-76823-100-001
Sales Drawing	SD-76829-0100-000
Symbol/Footprint Data	SYM-172065-0006-001
Test Summary	1720631000-TS-000, TS-76823-100-001, TS-76829-001-001

This document was generated on 02/03/2023

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