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Part Number: [1720650310](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Slim Vertical Header, Through Hole, 5.70mm Pitch, Dual Row, 10 Circuits, 0.76µm Gold (Au) Plating, Glow-Wire Capable, Black

Documents:

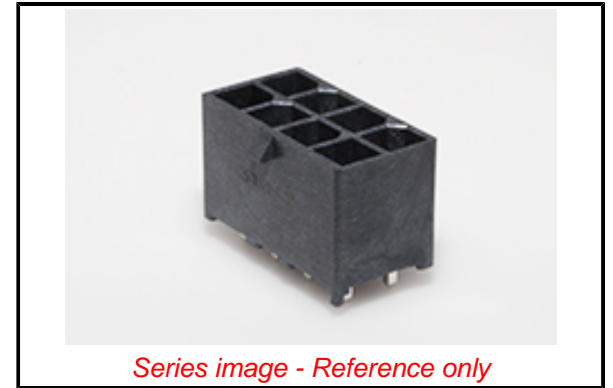
3D Model	Packaging Specification 768291100-000 (PDF)
3D Model (PDF)	Test Summary TS-76823-100-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-76823-100-001 (PDF)	Product Literature (PDF)
Application Specification AS-76823-100-001 (PDF)	

General

Product Family	PCB Headers
Series	172065
3D Viewer	Yes
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	23.0
Overview	Mega-Fit Power Connectors
PITCH-MATING-NUMERIC	5.70
Product Literature Order No	987650-5401
Product Name	Mega-Fit
UPC	889056897310

Physical

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	5.574/g
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.73mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm
Packaging Type	Tray
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	0.762µm
Plating min - Termination	2.540µm
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

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[172065](#) Series

Mates With

Mega-Fit Receptacle Housing [171692](#) , [170001](#)

Termination Interface: Style	Through Hole
Unmated Height	14.80mm
Electrical	
Current - Maximum per Contact	23.0A
Voltage - Maximum	600V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-76823-100-001
Packaging Specification	768291100-000
Product Specification	PS-76823-100-001
Sales Drawing	768290002-000
Test Summary	TS-76823-100-001

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[172065-0308](#)