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Part Number: [2002411113](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Vertical Header, Single Row, 5.70mm Pitch, 3 Circuits, 1.52µm Matte Tin Plating, UL 94V-0, Glow-Wire Capable, Black

Documents:

3D Model	Application Specification 768232000-AS-000 (PDF)
3D Model (PDF)	Packaging Specification 2002411000-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 1720631000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	152514
UL	E29179

General

Product Family	PCB Headers
Series	200241
Application	Power, Wire-to-Board
Overview	Mega-Fit Power Connectors
Product Name	Mega-Fit
UPC	191130088560

Physical

Breakaway	No
Circuits (Loaded)	3
Circuits (maximum)	3
Color - Resin	Black
Durability (mating cycles max)	20
First Mate / Last Break	No
Flammability	94V-0
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	High Conductivity Copper
Material - Plating Mating	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	2.120/g
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.23mm
PCB Locator	No
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	1.524µm
Plating min - Termination	2.540µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C, -40° to +120°C
Termination Interface: Style	Through Hole



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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[200241](#) Series

Mates With

Mega-Fit Receptacle Housing [200456](#)

Electrical

Current - Maximum per Contact	23.5A
Voltage - Maximum	600V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	768232000-AS-000
Packaging Specification	2002411000-001
Product Specification	1720631000-PS-000
Sales Drawing	2002411000-000

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