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Part Number: [2002411227](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Right-Angle Header, 5.70mm Pitch, 7 Circuits, 0.38µm Gold (Au) Plating, UL 94V-0, Glow-Wire Capable, Black

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2002412000-001 \(PDF\)](#)
[Product Specification 1720631000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

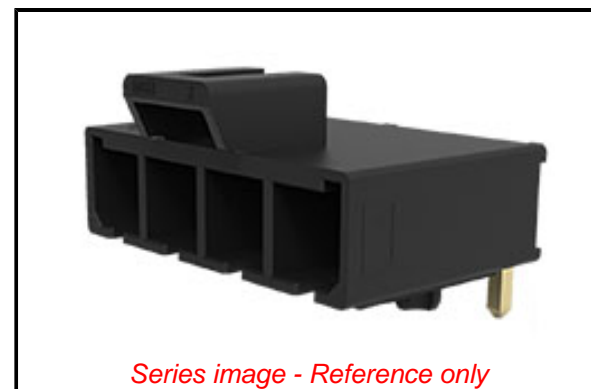
Product Family	PCB Headers
Series	200241
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	23.5
Datasheet Order No	987650-5401
Overview	Mega-Fit Power Connectors
PITCH-MATING-NUMERIC	5.70
Product Name	Mega-Fit
UPC	191130087631

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	200
First Mate / Last Break	No
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	Gold
Material - Plating Termination	Matte Tin
Material - Resin	Liquid Crystal Polymer
Net Weight	4.850/g
Number of Rows	1
Orientation	Right Angle
PC Tail Length	3.60mm
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	0.380µm
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

Electrical

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



Series image - Reference only

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

[200241 Series](#)

Mates With

Mega-Fit Receptacle Housing [200456](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

2002412000-001

Product Specification

1720631000-PS-000

Sales Drawing

2002412000-000

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