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Part Number: [2002411127](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Vertical Header, 5.70mm Pitch, 7 Circuits, 0.38µm Gold (Au) Plating, UL 94V-0, Glow-Wire Capable, Black

Documents:

[Drawing \(PDF\)](#) [Packaging Specification 2002411000-001 \(PDF\)](#)
[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 | 191130089680 |

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 | 4.460/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 | 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

2002411000-001

Product Specification

1720631000-PS-000

Sales Drawing

2002411000-000

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