

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [2002411118](#)
Status: **Active**
Overview: [Mega-Fit Power Connectors](#)
Description: Mega-Fit Vertical Header, Single Row, 5.70mm Pitch, 8 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

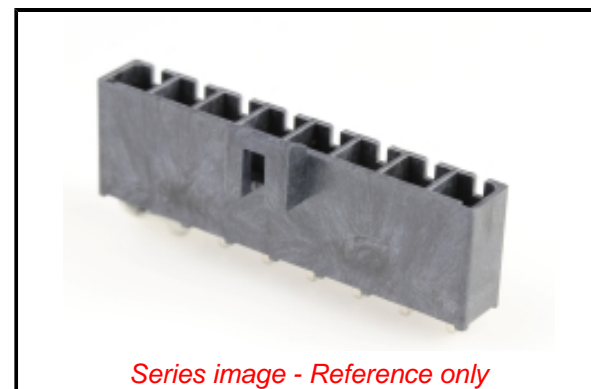
| | |
|-----|--------|
| CSA | 152514 |
| UL | E29179 |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 200241 |
| Application | Power, Wire-to-Board |
| Overview | Mega-Fit Power Connectors |
| Product Name | Mega-Fit |
| UPC | 191130089550 |

Physical

| | |
|--------------------------------|--------------------------|
| Breakaway | No |
| Circuits (Loaded) | 8 |
| Circuits (maximum) | 8 |
| Color - Resin | Black |
| Durability (mating cycles max) | 25 |
| 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 | 5.050/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 |
| Termination Interface: Style | Through Hole |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)9139-DC (19
Jan 2021)

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](#)

Electrical

Current - Maximum per Contact

26.0A

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

This document was generated on 08/23/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION