

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [2002411226](#)  
**Status:** **Active**  
**Overview:** [Mega-Fit Power Connectors](#)  
**Description:** Mega-Fit Right-Angle Header, 5.70mm Pitch, 6 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	<a href="#">200241</a>
Application	Power, Wire-to-Board
CURRENT-MAX-NUMERIC	23.5
Datasheet Order No	987650-5401
Overview	<a href="#">Mega-Fit Power Connectors</a>
PITCH-MATING-NUMERIC	5.70
Product Name	Mega-Fit
UPC	191130087624

**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	4.200/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



**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

This document was generated on 10/08/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**