



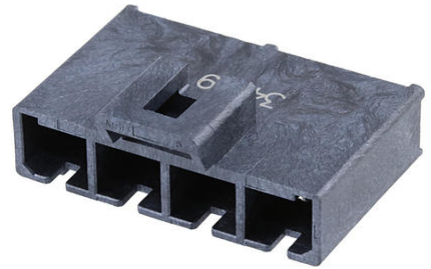
**Part Number :** [2002414214](#)

**Product Description :** Mega-Fit Right-Angle Header, 5.70mm Pitch, Single Row, 4 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black

**Series Number :** 200241

**Status :** Active

**Product Category :** PCB Headers and Receptacles



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## Documents and Resources

### Drawings

[2002414214\\_sd.pdf](#)

[2002412000-001.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[Symbol and Footprint \(Multi-Format\)](#)

### Specifications

[768232000-AS-000.pdf](#)


[1720631000-PS-000.pdf](#)

[1720631000-TS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

## Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

## Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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## Part Details

### General

Status	Active
Category	PCB Headers and Receptacles
Series	200241
Description	Mega-Fit Right-Angle Header, 5.70mm Pitch, Single Row, 4 Circuits, Matte Tin (Sn) Plating, Glow-Wire Capable, Black
Application	Wire-to-Board
Component Type	PCB Header
Product Name	Mega-Fit
UPC	193264120994

### Agency

CSA	152514
UL	E29179

### Electrical

Current - Maximum per Contact	30.0A
Voltage - Maximum	600V AC (RMS)/DC

## Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	25
First Mate / Last Break	No
Glow-Wire Capable	Yes
Guide to Mating Part	No
Keying to Mating Part	Yes
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 (LCP)
Net Weight	2.900/g
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.58mm, 2.36mm
PC Tail Length	3.60mm
Pitch - Mating Interface	5.70mm
Pitch - Termination Interface	5.70mm
Plating min - Mating	1.520µm
Plating min - Termination	1.520µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
Mega-Fit Tangless TPA-Capable Single Row Receptacle Housings	<u>200456</u>

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This document was generated on May 20, 2026