

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

**Part Number:** [2125201008](#)  
**Status:** **Active**  
**Overview:** [Mini-Fit Family Power Connectors](#)  
**Description:** [Mini-Fit Max Vertical Header, Dual Row, 8 Circuits, Tin \(Sn\) Plating, Black](#)

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family [PCB Headers](#)  
 Series [212520](#)  
 Application [Power, Wire-to-Board](#)  
 Overview [Mini-Fit Family Power Connectors](#)  
 Product Name [Mini-Fit Max](#)  
 UPC [193264595532](#)

**Physical**

Breakaway No  
 Circuits (Loaded) 8  
 Circuits (maximum) 8  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 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 Copper Alloy  
 Material - Plating Mating Tin  
 Material - Resin Liquid Crystal Polymer  
 Net Weight 2.480/g  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 4.20mm  
 Pitch - Termination Interface 4.20mm  
 Polarized to Mating Part Yes  
 Polarized to PCB Yes  
 Shrouded Fully  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Through Hole

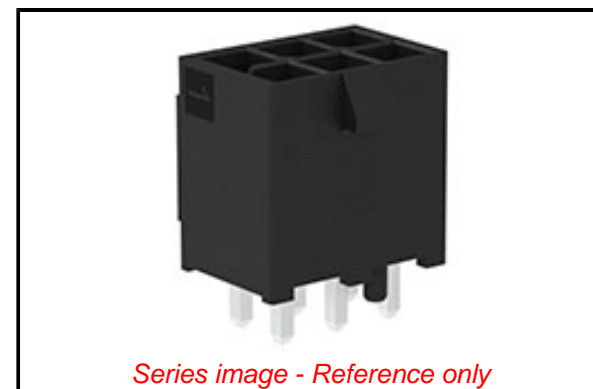
**Electrical**

Current - Maximum per Contact 20.0A  
 Voltage - Maximum 600V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing [2125200001-SD-000](#)



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2020)4578-DC (25  
 June 2020)

**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**

[212520 Series](#)

**Mates With**

[Mini-Fit Max Crimp Housing 212514](#)