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Part Number: [2125201006](#)
Status: **Active**
Overview: [Mini-Fit Family Power Connectors](#)
Description: [Mini-Fit Max Vertical Header, Dual Row, 6 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 [193264595525](#)

Physical

Breakaway No
 Circuits (Loaded) 6
 Circuits (maximum) 6
 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 2.130/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

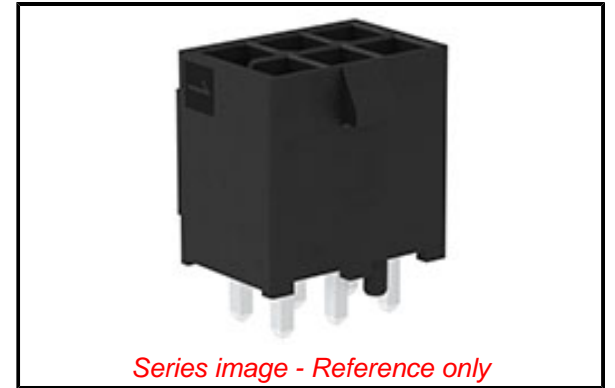
Electrical

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)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

[212520 Series](#)

Mates With

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