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**Part Number:** [2125281001](#)  
**Status:** **Active**  
**Overview:** [Micro-Fit+ Connector System](#)  
**Description:** Micro-Fit+ Right-Angle Header, 3.00mm Pitch, Dual Row, 10 Circuits, 0.38µm Gold (Au) Plating, UL 94V-0, Glow-Wire Capable, Black

**Documents:**

[Drawing \(PDF\)](#) [Datasheet \(PDF\)](#)  
[Product Specification 2064600000-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification 2125280000-PK-000 \(PDF\)](#)

**General**

|                  |   |
|------------------|---|
| Product Family   | PCB Headers                                 |
| Series           | <a href="#">212528</a>                      |
| Application      | Power, Wire-to-Board                        |
| Footprint Viewer | Yes   |
| Overview         | <a href="#">Micro-Fit+ Connector System</a> |
| Product Name     | Micro-Fit+                                  |
| UPC              | 193264256488                                |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 10                     |
| Circuits (maximum)             | 10                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 200                    |
| First Mate / Last Break        | No                     |
| Glow-Wire Capable              | Yes                    |
| Keying to Mating Part          | Yes                    |
| Lock to Mating Part            | Yes                    |
| Material - Metal               | High Copper Alloy      |
| Material - Plating Mating      | Gold                   |
| Material - Plating Termination | Matte Tin              |
| Material - Resin               | Liquid Crystal Polymer |
| Net Weight                     | 1.510/g                |
| Number of Rows                 | 2                      |
| Orientation                    | Right Angle            |
| PC Tail Length                 | 3.18mm                 |
| PCB Thickness - Recommended    | 1.57mm                 |
| Packaging Type                 | Tray                   |
| Pitch - Mating Interface       | 3.00mm                 |
| Pitch - Termination Interface  | 3.00mm                 |
| Plating min - Mating           | 0.381µm                |
| Polarized to Mating Part       | Yes                    |
| Polarized to PCB               | Yes                    |
| Shrouded                       | Yes                    |
| Surface Mount Compatible (SMC) | No                     |
| Temperature Range - Operating  | -40° to +105°C         |
| Termination Interface: Style   | Through Hole           |

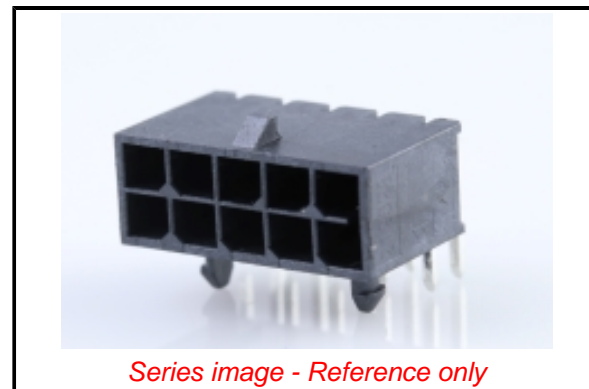
**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 12.5A            |
| Voltage - Maximum             | 600V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | 2125280000-PK-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**

[212528 Series](#)

**Mates With**

Micro-Fit+ Receptacle [206461](#)

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