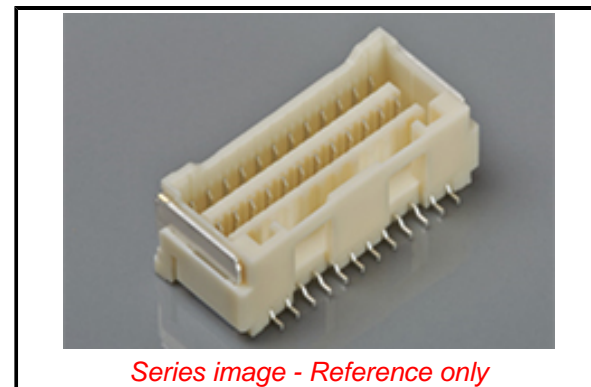


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5054062060**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Dual Row, Surface Mount, Vertical, Gold Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 20 Circuits, Natural

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 5031490000-000 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification AS-503149-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-505406-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-505406-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |



*Series image - Reference only*

**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles  |
| Series         | 505406   |
| Application    | Signal, Wire-to-Board  |
| Comments       | See Product Specification for maximum current rating by wire AWG, See Product Specification for maximum current rating by wire AWG |
| Overview       | <a href="#">CLIK-Mate Wire-to-Board Connectors</a>   |
| Product Name   | CLIK-Mate  |
| UPC            | 889056172332   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 20                             |
| Circuits (maximum)             | 20                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 11.20mm                        |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold over Nickel               |
| Material - Plating Termination | Tin over Nickel                |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 1680.000/mg                    |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.50mm                         |
| Pitch - Termination Interface  | 1.50mm                         |
| Plating min - Mating           | 0.203µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Robotic Placement              | Vacuum Pick-Up Tape            |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A             |
| Voltage - Maximum             | 100V AC (RMS)/DC |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**Not 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**

505406 Series

**Mates With**

503149 CLIK-Mate Housing

**Material Info**

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | 5031490000-000, AS-503149-001-001 |
| Packaging Specification   | SPK-505406-001-001                |
| Product Specification     | PS-505406-001-001                 |
| Sales Drawing             | SD-505406-001, SD-505406-002      |

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