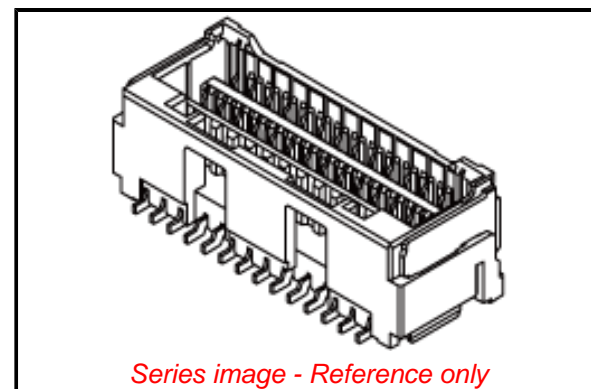


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5031541090**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Dual Row, Surface Mount, Vertical, Tin Plating, 10 Circuits

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                       | <a href="#">Application Specification AS-503149-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Packaging Specification SPK-503154-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-503154-001-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification 5031490000-000 (PDF)</a> |   |



**Agency Certification**

UL E29179

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles                           |
| Series         | 503154                                    |
| Application    | Signal, Wire-to-Board                     |
| Overview       | <u>CLIK-Mate Wire-to-Board Connectors</u> |
| Product Name   | CLIK-Mate                                 |
| UPC            | 883906426712                              |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 10                    |
| Circuits (maximum)             | 10                    |
| Color - Resin                  | Beige                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Keying to Mating Part          | Yes                   |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 11.20mm               |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Tin                   |
| Material - Plating Termination | Tin                   |
| Net Weight                     | 1149.001/mg           |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| PCB Thickness - Recommended    | 1.20mm, 1.70mm        |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.50mm                |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 100V |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | 5031490000-000, AS-503149-001-001 |
| Packaging Specification   | SPK-503154-001-001                |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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**

503154 Series

**Mates With**

503149 Crimp Housing

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