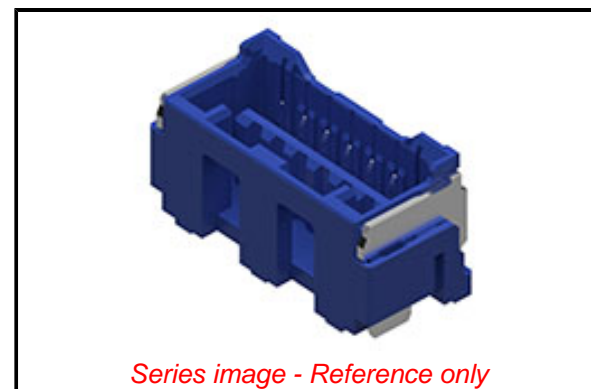


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5025841464](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate Wire-to-Board Connectors](#)  
**Description:** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Surface Mount, Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 14 Circuits, Blue

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification 5025781000-PS-000 (PDF)</a>     |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Application Specification AS-502578-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-502584-001-001 (PDF)</a>  |
| <a href="#">Product Specification 5025780000-PS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |



**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles                                    |
| Series         | <a href="#">502584</a>                             |
| Application    | Signal, Wire-to-Board                              |
| Overview       | <a href="#">CLIK-Mate Wire-to-Board Connectors</a> |
| Product Name   | CLIK-Mate  |
| UPC            | 800756722115                                       |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 14                    |
| Circuits (maximum)             | 14                    |
| Color - Resin                  | Blue                  |
| 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                   | 9.70mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Tin                   |
| Net Weight                     | 990.601/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.50mm                |
| Pitch - Termination 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 | AS-502578-001-001                    |
| Packaging Specification   | SPK-502584-001-001                   |
| Product Specification     | 5025780000-PS-000, 5025781000-PS-000 |
| Sales Drawing             | 5025840000-SD-000                    |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**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**

[502584](#) Series

**Mates With**

[502578](#) Crimp Housing

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