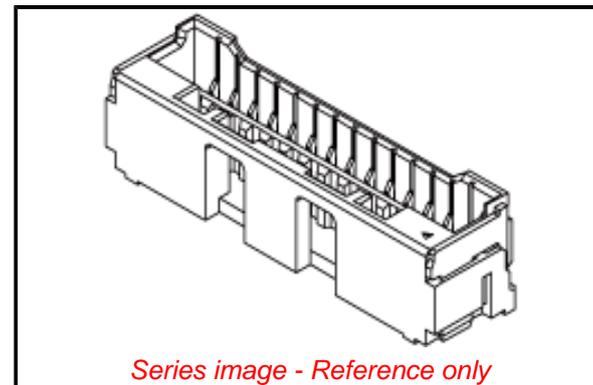


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**Part Number:** **5025841070**  
**Status:** **Active**  
**Overview:** CLIK-Mate™ Wire-to-Board Connectors  
**Description:** 1.50mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Surface Mount, Vertical, Tin Plating, 10 Circuits

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>  | <a href="#">Application Specification AS-502578-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                     | <a href="#">Packaging Specification SPK-502584-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-502584-001-001 (PDF)</a>     | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification AS-502578-001-001 (PDF)</a> |   |



**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles                            |
| Series         | <u>502584</u>                              |
| Application    | Signal, Wire-to-Board                      |
| Overview       | <u>CLIK-Mate™ Wire-to-Board Connectors</u> |
| Product Name   | CLIK-Mate™                                 |
| UPC            | 800756644523                               |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 10                    |
| Circuits (maximum)             | 10                    |
| Color - Resin                  | Beige                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Compliant            | No                    |
| Guide to Mating Part           | Yes                   |
| Keying to Mating Part          | Yes                   |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 9.70mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Tin                   |
| Net Weight                     | 765.601/mg            |
| Number of Rows                 | 1                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 1.50mm                |
| Polarized to Mating Part       | Yes                   |
| Polarized to PCB               | Yes                   |
| Stackable                      | No                    |
| Temperature Range - Operating  | -40°C 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, AS-502578-002-001                       |
| Packaging Specification   | SPK-502584-001-001   |
| Product Specification     | PS-502584-001-001  |
| Sales Drawing             | SD-502584-001, SD-502584-002, SD-503339-003, SD-505405-002 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/01/2017 (12  
January 2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

502584 Series

**Mates With**

502578 Crimp Housing

This document was generated on 06/29/2017

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