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**Part Number:** [5023861271](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate Wire-to-Board Connectors](#)  
**Description:** 1.25mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Right-Angle, Gold (Au) Plating, 12 Circuits

**Documents:**

|                                |  |
|--------------------------------|--|
| <a href="#">Drawing (PDF)</a>  | <a href="#">Product Specification PS-502382-002-001 (PDF)</a>    |
| <a href="#">3D Model (PDF)</a> | <a href="#">Packaging Specification SPK-502386-001-001 (PDF)</a> |
| <a href="#">3D Model</a>       | <a href="#">RoHS Certificate of Compliance (PDF)</a>             |

**Agency Certification**

UL E29179

**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles                                    |
| Series         | <a href="#">502386</a>                             |
| Application    | Signal, Wire-to-Board                              |
| Overview       | <a href="#">CLIK-Mate Wire-to-Board Connectors</a> |
| Product Name   | CLIK-Mate  |
| UPC            | 883906512330                                       |

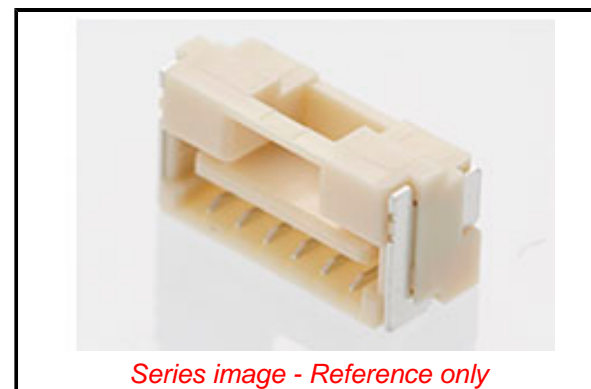
**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 12                             |
| Circuits (maximum)             | 12                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | Yes                            |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 5.55mm                         |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold                           |
| Material - Plating Termination | Gold                           |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 525.705/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Right Angle                    |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.25mm                         |
| Pitch - Termination Interface  | 1.25mm                         |
| Plating min - Mating           | 0.102µm                        |
| Plating min - Termination      | 0.102µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1.0A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**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**

[502386](#) Series

**Mates With**

[502380](#) CLIK-Mate Housing

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

SPK-502386-001-001

PS-502382-002-001

SD-502386-004-001, SD-502386-004-002,

SD-502386-005-001, SD-502386-006-001,

SD-502386-006-002

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