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**Part Number:** [502382-0270](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate™ Wire-to-Board Connectors](#)  
**Description:** 1.25mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Single Row, Vertical, 2 Circuits

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                  | <a href="#">Application Specification AS-502380-002 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                             | <a href="#">Packaging Specification SPK-502382-001 (PDF)</a>  |
| <a href="#">Product Specification PS-502382-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>          |

**Agency Certification**

UL E29179

**General**

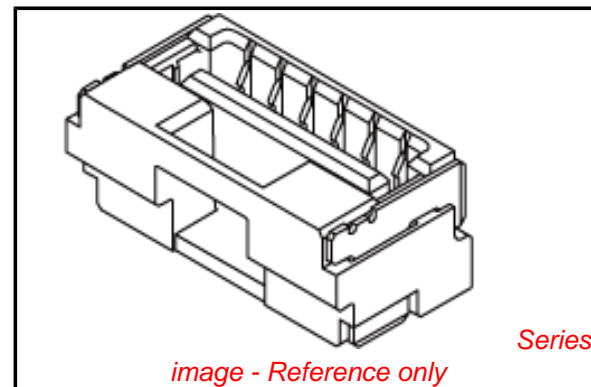
|                |   |
|----------------|---|
| Product Family | PCB Receptacles                                     |
| Series         | <a href="#">502382</a>                              |
| Application    | Signal, Wire-to-Board                               |
| MolexKits      | Yes   |
| Overview       | <a href="#">CLIK-Mate™ Wire-to-Board Connectors</a> |
| Product Name   | CLIK-Mate™  |
| UPC            | 822350895194  |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 2                              |
| Circuits (maximum)             | 2                              |
| Color - Resin                  | Natural                        |
| 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                   | 7.80mm                         |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 180.401/mg                     |
| Number of Rows                 | 1                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.25mm                         |
| Pitch - Termination Interface  | 1.25mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | No                             |
| Stackable                      | No                             |
| Surface Mount Compatible (SMC) | Yes                            |
| Temperature Range - Operating  | -25°C to +85°C                 |
| Termination Interface: Style   | Surface Mount                  |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 1A              |
| Voltage - Maximum             | 50V AC (RMS)/DC |



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status Not Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[502382Series](#)

**Mates With**

[502380 Crimp Housing](#)

## Material Info

### Reference - Drawing Numbers

Application Specification  
Packaging Specification  
Product Specification

AS-502380-002  
SPK-502382-001  
PS-502382-001, RPS-502382-002, RPS-502382-003,  
RPS-502382-005, RPS-502382-006, RPS-502382-007,  
RPS-502382-008, RPS-502382-011, RPS-502382-012,  
RPS-502382-013, RPS-502382-016, RPS-502382-017,  
RPS-502382-018, RPS-502382-019, RPS-502386-002  
SD-502382-001, SD-502382-003

Sales Drawing

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