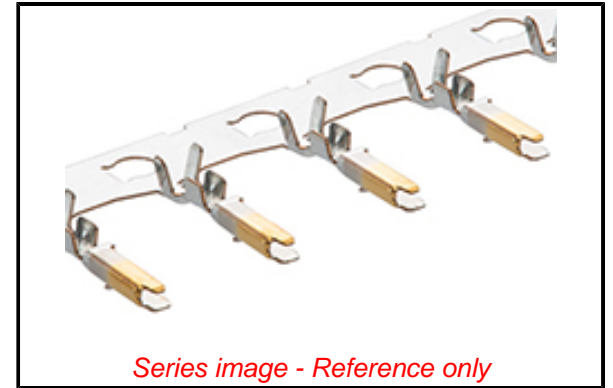


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**Part Number:** **5025791000**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch, CLIK-Mate Male Crimp Terminal, Gold Plating, 24-28 AWG, Reel

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model</a>                                       | <a href="#">Application Specification AS-502578-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                  | <a href="#">Application Specification AS-502578-002-001 (PDF)</a> |
| <a href="#">Product Specification PS-502584-001-001 (PDF)</a>  | <a href="#">Application Specification AS-503149-001-001 (PDF)</a> |
| <a href="#">Product Specification PS-503159-001-001 (PDF)</a>  | <a href="#">Packaging Specification SPK-502579-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-505406-001-001 (PDF)</a>  | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |
| <a href="#">Application Specification 5031490000-000 (PDF)</a> |   |



**General**

|                         |   |
|-------------------------|---|
| Product Family          | Crimp Terminals                           |
| Series                  | 502579                                    |
| Application             | Signal, Wire-to-Board                     |
| Crimp Quality Equipment | Yes                                       |
| Overview                | <u>CLIK-Mate Wire-to-Board Connectors</u> |
| Packaging Alternative   | 5025791100 (Loose)                        |
| Product Name            | CLIK-Mate                                 |
| UPC                     | 889056166737                              |

**Physical**

|                                |                      |
|--------------------------------|----------------------|
| Durability (mating cycles max) | 30                   |
| Gender                         | Male                 |
| Material - Metal               | Copper Alloy         |
| Material - Plating Mating      | Gold over Nickel     |
| Material - Plating Termination | Tin                  |
| Net Weight                     | 42.000/mg            |
| Packaging Type                 | Reel                 |
| Plating min - Mating           | 0.203µm              |
| Plating min - Termination      | 1.016µm              |
| Termination Interface: Style   | Crimp or Compression |
| Wire Insulation Diameter       | 0.78-1.28mm          |
| Wire Size AWG                  | 24, 26, 28           |
| Wire Size mm <sup>2</sup>      | 0.08-0.20            |

**Electrical**

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A             |
| Voltage - Maximum             | 100V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |   |
|---------------------------|---|
| Application Specification | 5031490000-000, AS-502578-001-001, AS-502578-002-001, AS-503149-001-001 |
| Packaging Specification   | SPK-502579-001-001  |
| Product Specification     | PS-502584-001-001, PS-503159-001-001, PS-505406-001-001                 |
| Sales Drawing             | SD-502579-002   |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per - ED/71/2019 (16 July 2019)

**Halogen-Free**

**Status**

**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**

502579 Series

**Use With**

502578 CLIK-Mate Housing, 503149 CLIK-Mate Housing

**Application Tooling | FAQ**

*Tooling specifications and manuals are found by selecting the products below. Crimp Height Specifications are then contained in the Application Tooling Specification document.*

**Global**

**Description**

**Product #**

|  |                           |
|--|---------------------------|
| Extractor Tool for 1.50mm Pitch Wire-to-Board Crimp Terminal | <a href="#">638133700</a> |
|--|---------------------------|

|  |                           |
|--|---------------------------|
| Hand Crimp Tool for Wire-to-Board Terminal, 24-28 AWG Wire FineAdjust Applicator | <a href="#">638194600</a> |
| 639025000  |                           |

for 1.50mm Pitch

Wire-to-Board Crimp  
Terminals  
T2 Terminator for 639125000  
1.50mm Pitch Wire-  
to-Board Terminal

**Japan**

| <b>Description</b>  | <b>Product #</b>  |
|---|-------------------|
| S-1 Applicator for<br>CLIK-Mate Plug<br>Terminals, 24-28<br>AWG | <u>5780473700</u> |

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