

PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION

**Part Number:** [5025780406](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate Wire-to-Board Connectors](#)  
**Description:** 1.50mm Pitch, CLIK-Mate Plug Crimp Housing, Single Row, Positive Lock, 4 Circuits, Green

**Documents:**

- [3D Model](#)  
[Drawing \(PDF\)](#)  
[3D Model \(PDF\)](#)  
[Product Specification 5025780000-PS-000 \(PDF\)](#)  
[Product Specification 5025780001-PS-000 \(PDF\)](#)  
[Product Specification 5025780002-PS-000 \(PDF\)](#)  
[Product Specification 5025780003-PS-000 \(PDF\)](#)  
[Product Specification 5025781000-PS-000 \(PDF\)](#)
- [Product Specification 5025781002-PS-000 \(PDF\)](#)  
[Product Specification 5025781003-PS-000 \(PDF\)](#)  
[Product Specification 5025781004-PS-000 \(PDF\)](#)  
[Application Specification AS-502578-001-001 \(PDF\)](#)  
[Application Specification AS-503395-001-001 \(PDF\)](#)  
[Packaging Specification SPK-502578-001-001 \(PDF\)](#)  
[RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                                                    |
|----------------|----------------------------------------------------|
| Product Family | Crimp Housings                                     |
| Series         | <a href="#">502578</a>                             |
| Application    | Signal, Wire-to-Board                              |
| Overview       | <a href="#">CLIK-Mate Wire-to-Board Connectors</a> |
| Product Name   | CLIK-Mate                                          |
| UPC            | 800756700083                                       |

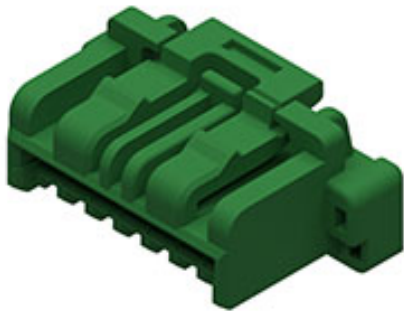
**Physical**

|                               |                |
|-------------------------------|----------------|
| Circuits (maximum)            | 4              |
| Color - Resin                 | Green          |
| Gender                        | Plug           |
| Glow-Wire Capable             | No             |
| Keying to Mating Part         | None           |
| Lock to Mating Part           | Yes            |
| Material - Resin              | PBT            |
| Net Weight                    | 259.800/mg     |
| Number of Rows                | 1              |
| Packaging Type                | Bag            |
| Panel Mount                   | No             |
| Pitch - Mating Interface      | 1.50mm         |
| Pitch - Termination Interface | 1.50mm         |
| Polarized to Mating Part      | Yes            |
| Stackable                     | No             |
| Temperature Range - Operating | -40° to +105°C |

**Material Info**

**Reference - Drawing Numbers**

|                           |                                                                                                                                                        |
|---------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Application Specification | AS-502578-001-001, AS-503395-001-001                                                                                                                   |
| Packaging Specification   | SPK-502578-001-001                                                                                                                                     |
| Product Specification     | 5025780000-PS-000, 5025780001-PS-000, 5025780002-PS-000, 5025780003-PS-000, 5025781000-PS-000, 5025781002-PS-000, 5025781003-PS-000, 5025781004-PS-000 |
| Sales Drawing             | 5025780000-SD-000, SD-502578-001                                                                                                                       |



Series image - Reference only

**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**

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

**Search Parts in this Series**

[502578 Series](#)

**Mates With**

CLIK-Mate Bottom-Entry Receptacle [503395](#)  
. CLIK-Mate Right Angle Receptacles  
[503175](#) , [502585](#) , [213226](#) <br> CLIK-Mate  
Vertical Receptacles [503159](#) , [502584](#) ,  
[505405](#) , [213225](#)

**Use With**

CLIK-Mate Tin Terminals [502579](#) , [503429](#)  
<br> CLIK-Mate Gold Terminals [213028](#) ,  
[213029](#) <br> CLIK-Mate Pre-Crimped Lead  
[797581011](#) , [215710](#) , [215711](#)