

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5025781401](#)  
**Status:** **Active**  
**Overview:** [CLIK-Mate Wire-to-Board Connectors](#)  
**Description:** [CLIK-Mate Plug Housing, 1.50mm Pitch, Single Row, Positive Lock, 14 Circuits, Black](#)

**Documents:**

|   |   |
|---|---|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification 5025781000-PS-000 (PDF)</a>     |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Product Specification 5025781002-PS-000 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Product Specification 5025781003-PS-000 (PDF)</a>     |
| <a href="#">Product Specification 5025780000-PS-000 (PDF)</a> | <a href="#">Product Specification 5025781004-PS-000 (PDF)</a>     |
| <a href="#">Product Specification 5025780001-PS-000 (PDF)</a> | <a href="#">Application Specification AS-502578-001-001 (PDF)</a> |
| <a href="#">Product Specification 5025780002-PS-000 (PDF)</a> | <a href="#">Application Specification AS-503395-001-001 (PDF)</a> |
| <a href="#">Product Specification 5025780003-PS-000 (PDF)</a> | <a href="#">Packaging Specification SPK-502578-001-001 (PDF)</a>  |
| <a href="#">Product Specification 5025780004-PS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**Agency Certification**

UL E29179

**General**

Product Family Crimp Housings  
 Series [502578](#)  
 Application Signal, Wire-to-Board  
 Overview [CLIK-Mate Wire-to-Board Connectors](#)  
 Product Name CLIK-Mate  
 Taxonomy Connector Housings  
 UPC 800756701134

**Physical**

Circuits (maximum) 14  
 Color - Resin Black  
 Gender Plug  
 Glow-Wire Capable No  
 Keying to Mating Part None  
 Lock to Mating Part Yes  
 Material - Resin PBT  
 Net Weight 583.200/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,  
 5025780004-PS-000, 5025781000-PS-000,  
 5025781002-PS-000, 5025781003-PS-000,  
 5025781004-PS-000  
 Sales Drawing 5025780000-SD-000



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2022)4187-DC (10  
 June 2022)

**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**

[502578 Series](#)

**Mates With**

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

**Use With**

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

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