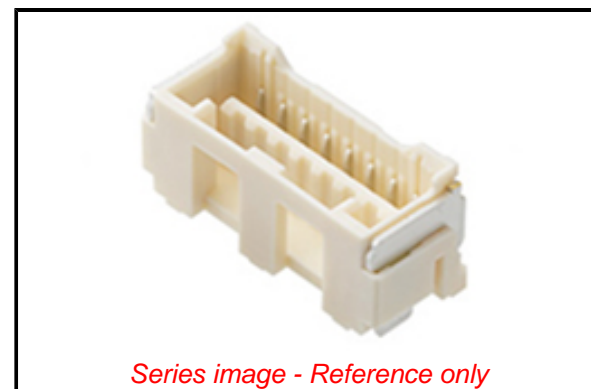


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5031591000**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, Positive Lock, with Peg, 10 Circuits, Natural

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-502578-001-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification SPK-503159-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification 5025780002-PS-000 (PDF)</a>	



*Series image - Reference only*

**General**

Product Family	PCB Receptacles
Series	503159
Application	Signal, Wire-to-Board
Overview	<u>CLIK-Mate Wire-to-Board Connectors</u>
Product Name	CLIK-Mate
UPC	883906077662

**Physical**

Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Beige
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	822.001/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.50mm, 2.00mm
Packaging Type	Tray
Pitch - Mating Interface	1.50mm
Pitch - Termination Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	2.0A
Voltage - Maximum	100V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-502578-001-001
Packaging Specification	SPK-503159-001-001
Product Specification	5025780002-PS-000
Sales Drawing	5031590000-SD-000

**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

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[503159 Series](#)

**Mates With**

[502578 Crimp Housing](#) . [502579 Crimp Terminal](#)

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