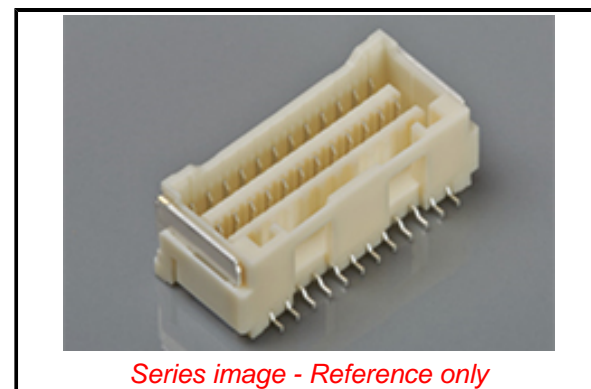


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5031542090**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Dual Row, Surface Mount, Vertical, Tin Plating, 20 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-503149-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-503154-001-001 (PDF)</a>
<a href="#">Product Specification PS-503154-001-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification 5031490000-000 (PDF)</a>	



*Series image - Reference only*

**Agency Certification**

UL E29179

**General**

Product Family	PCB Receptacles
Series	503154
Application	Signal, Wire-to-Board
Overview	<u>CLIK-Mate Wire-to-Board Connectors</u>
Product Name	CLIK-Mate
UPC	883906426743

**Physical**

Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Beige
Durability (mating cycles max)	30
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	11.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	1694.001/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.20mm, 1.70mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5031490000-000, AS-503149-001-001
Packaging Specification	SPK-503154-001-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
-ED/88/2018 (15  
January 2019)

**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**

503154 Series

**Mates With**

503149 Crimp Housing

Product Specification  
Sales Drawing

PS-503154-001-001  
SD-503154-001, SD-503154-002, SD-505406-001,  
SD-505406-002

This document was generated on 03/29/2019

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