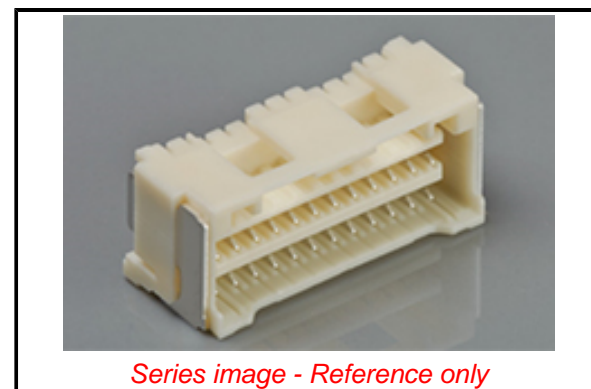


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5031481690**  
**Status:** **Active**  
**Overview:** CLIK-Mate Wire-to-Board Connectors  
**Description:** 1.50mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Dual Row, Surface Mount, Right-Angle, Tin Plating, 16 Circuits

**Documents:**

[3D Model](#) [Application Specification AS-503149-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [Packaging Specification SPK-503148-001-001 \(PDF\)](#)  
[Product Specification PS-503148-001-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification 5031490000-000 \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family	PCB Receptacles
Series	503148
Application	Signal, Wire-to-Board
Overview	<a href="#">CLIK-Mate Wire-to-Board Connectors</a>
Product Name	CLIK-Mate
UPC	883906560867

**Physical**

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Beige
Durability (mating cycles max)	30
Glow-Wire Capable	No
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height	9.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Net Weight	1440.001/mg
Number of Rows	2
Orientation	Right Angle
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	1.0A
Voltage - Maximum	100V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	5031490000-000, AS-503149-001-001
Packaging Specification	SPK-503148-001-001
Product Specification	PS-503148-001-001
Sales Drawing	SD-503148-001, SD-503148-002

**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**

503148 Series

**Mates With**

CLIK-Mate Crimp Housing [503149](#)

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