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

Documents:

3D Model	Product Specification 5031491004-PS-000 (PDF)
3D Model (PDF)	Application Specification AS-503149-001-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-503148-001-001 (PDF)
Product Specification 5031490001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5031491001-PS-000 (PDF)	

General

Product Family	PCB Receptacles
Series	503148
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Overview	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
Taxonomy	PCB Headers and Receptacles
UPC	883906560867

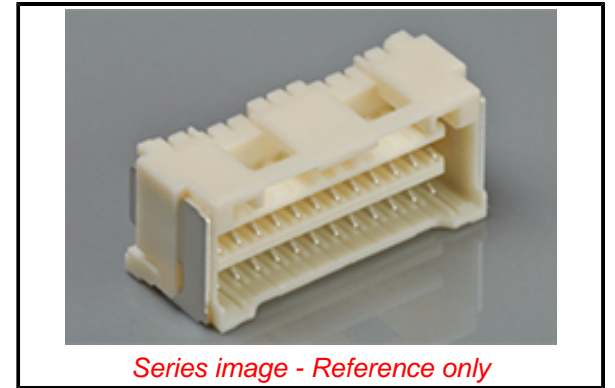
Physical

Circuits (Loaded)	16
Circuits (maximum)	16
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	9.20mm
Material - Metal	Copper Alloy
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyamide
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
Pitch - Termination Interface	0.75mm
Polarized to Mating Part	Yes
Polarized to PCB	No
Robotic Placement	Vacuum Pick-Up Area
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained per -
D(2022)9120-DC (17
Jan 2023)

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](#)

Reference - Drawing Numbers

Application Specification

AS-503149-001-001

Packaging Specification

SPK-503148-001-001

Product Specification

5031490001-PS-000, 5031491001-PS-000,

5031491004-PS-000

Sales Drawing

5031480000-SD-000

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