



Part Number : [5024940670](#)

Series Number : 502494

Product Category : PCB Headers and Receptacles

Product Description : 2.00mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Right-Angle, 6 Circuits

Status : Active

Documents & Resources


Drawings  
[Drawing 5024940670\\_sd.pdf](#)

3D Models and Design Files  
[3D Model 5024940670\\_stp.zip](#)

Specifications  
[Application Specification AS-502439-001-001.pdf](#)  
[Application Specification AS-502439-002-001.pdf](#)  
[Packaging Specification 5024949200-200.pdf](#)  
[Product Specification 5024431570-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 2024)
EU RoHS	Compliant per EU 2015/863

[Multiple Part Product Compliance Statements](#)

- Eu RoHS
- REACH SVHC
- Low-Halogen

[Multiple Part Industry Compliance Documents](#)

- IPC 1752A Class C

- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	PCB Headers and Receptacles
Series	502494
Description	2.00mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Right-Angle, 6 Circuits
Application	Signal, Wire-to-Board
Component Type	PCB Receptacle
Product Family	CLIK-Mate Wire-to-Board Connectors
Product Name	CLIK-Mate
UPC	822350937634

#### Agency

UL	E29179
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#### Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

#### Physical

Circuits (Loaded)	6
Circuits (maximum)	6
Durability (mating cycles max)	30
Glow-Wire Capable	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes

Mated Height	6.90mm
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Net Weight	779.601/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	2.032µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch CLIK-Mate Single Row Plug Housings	<u>502439</u>