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Part Number:

5024940670

Status:

Active

Overview:

CLIK-Mate Wire-to-Board Connectors

Description:

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

Documents:

|                                                            |                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                   | <a href="#">Application Specification AS-502439-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                             | <a href="#">Application Specification AS-502439-002-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                              | <a href="#">Packaging Specification 5024949200-200 (PDF)</a>      |
| <a href="#">Product Specification 5024431570-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

Agency Certification

|    |        |
|----|--------|
| UL | E29179 |
|----|--------|

General

|                |                                    |
|----------------|------------------------------------|
| Product Family | PCB Receptacles                    |
| Series         | 502494                             |
| 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            | 822350937634                       |

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           |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| 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                    |
| Surface Mount Compatible (SMC) | Yes                   |
| Temperature Range - Operating  | -40° to +105°C        |
| Termination Interface: Style   | Surface Mount         |

Electrical

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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series

[502494](#) Series

Mates With

[502439](#) Crimp Housing

**Reference - Drawing Numbers**

|                           |                                      |
|---------------------------|--------------------------------------|
| Application Specification | AS-502439-001-001, AS-502439-002-001 |
| Packaging Specification   | 5024949200-200                       |
| Product Specification     | 5024431570-000                       |
| Sales Drawing             | 5024941509-000, 5024941570-000       |

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