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Part Number:

5054063260

Status:

Active

Overview:

CLIK-Mate Wire-to-Board Connectors

Description:

1.50mm Pitch, CLIK-Mate PCB Receptacle, Dual Row, Surface Mount, Vertical, Gold Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 32 Circuits, Natural

Documents:

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification 5031490000-000 (PDF)</a>    |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification AS-503149-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification SPK-505406-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-505406-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

General

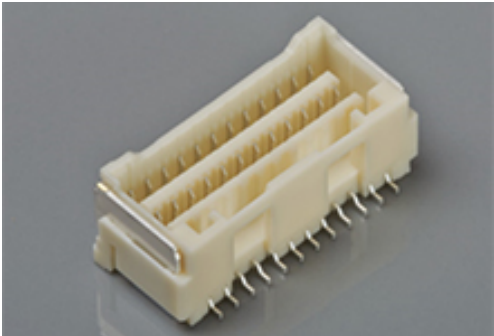
|                |                                                                                                                                    |
|----------------|------------------------------------------------------------------------------------------------------------------------------------|
| Product Family | PCB Receptacles                                                                                                                    |
| Series         | 505406                                                                                                                             |
| Application    | Signal, Wire-to-Board                                                                                                              |
| Comments       | See Product Specification for maximum current rating by wire AWG, See Product Specification for maximum current rating by wire AWG |
| Overview       | <a href="#">CLIK-Mate Wire-to-Board Connectors</a>                                                                                 |
| Product Name   | CLIK-Mate                                                                                                                          |
| UPC            | 889056172318                                                                                                                       |

Physical

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 32                             |
| Circuits (maximum)             | 32                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Capable              | No                             |
| Guide to Mating Part           | Yes                            |
| Keying to Mating Part          | None                           |
| Lock to Mating Part            | Yes                            |
| Mated Height                   | 11.20mm                        |
| Material - Metal               | Copper Alloy                   |
| Material - Plating Mating      | Gold over Nickel               |
| Material - Plating Termination | Tin over Nickel                |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 2430.000/mg                    |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | Yes                            |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 1.50mm                         |
| Pitch - Termination Interface  | 1.50mm                         |
| Plating min - Mating           | 0.203µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to Mating Part       | Yes                            |
| Polarized to PCB               | Yes                            |
| Robotic Placement              | Vacuum Pick-Up Tape            |
| Stackable                      | No                             |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

Electrical

|                               |                  |
|-------------------------------|------------------|
| Current - Maximum per Contact | 2.0A             |
| Voltage - Maximum             | 100V AC (RMS)/DC |



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[505406](#) Series

Mates With

[503149](#) CLIK-Mate Housing

**Material Info**

**Reference - Drawing Numbers**

|                           |                                   |
|---------------------------|-----------------------------------|
| Application Specification | 5031490000-000, AS-503149-001-001 |
| Packaging Specification   | SPK-505406-001-001                |
| Product Specification     | PS-505406-001-001                 |
| Sales Drawing             | SD-505406-001, SD-505406-002      |

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