

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

5031750500

Status:

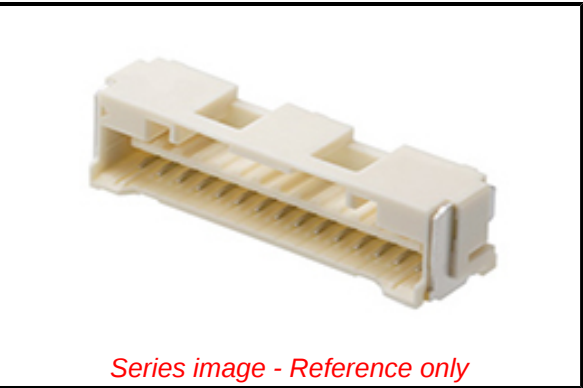
Active

Overview:

CLIK-Mate Wire-to-Board Connectors

Description:

1.50mm Pitch, CLIK-Mate PCB Receptacle, Single Row, Through Hole, Right-Angle, Tin Plating, Positive Lock, with Peg, 5 Circuits, Natural



Series image - Reference only

Documents:

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Product Specification 5025781002-PS-000 (PDF)</a>     |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Application Specification AS-502578-001-001 (PDF)</a> |
| <a href="#">3D Model (PDF)</a>                                | <a href="#">Packaging Specification SPK-503175-001-001 (PDF)</a>  |
| <a href="#">Product Specification 5025780002-PS-000 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

General

|                |                                    |
|----------------|------------------------------------|
| Product Family | PCB Receptacles                    |
| Series         | 503175                             |
| 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            | 883906058111                       |

Physical

|                                |                |
|--------------------------------|----------------|
| Circuits (Loaded)              | 5              |
| Circuits (maximum)             | 5              |
| Color - Resin                  | Beige          |
| Durability (mating cycles max) | 30             |
| Glow-Wire Capable              | No             |
| Guide to Mating Part           | Yes            |
| Keying to Mating Part          | None           |
| Lock to Mating Part            | Yes            |
| Material - Metal               | Copper Alloy   |
| Material - Plating Mating      | Tin            |
| Material - Plating Termination | Tin            |
| Net Weight                     | 509.001/mg     |
| Number of Rows                 | 1              |
| Orientation                    | Right Angle    |
| PCB Locator                    | Yes            |
| PCB Retention                  | Yes            |
| PCB Thickness - Recommended    | 1.60mm, 2.40mm |
| Packaging Type                 | Tray           |
| Pitch - Mating Interface       | 1.50mm         |
| Pitch - Termination Interface  | 1.50mm         |
| Polarized to Mating Part       | Yes            |
| Polarized to PCB               | Yes            |
| Stackable                      | No             |
| Temperature Range - Operating  | -40° to +105°C |
| Termination Interface: Style   | Through Hole   |

Electrical

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 2.0A |
| Voltage - Maximum             | 100V |

Material Info

Reference - Drawing Numbers

|                           |                    |
|---------------------------|--------------------|
| Application Specification | AS-502578-001-001  |
| Packaging Specification   | SPK-503175-001-001 |

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

503175 Series

Mates With

CLIK-Mate Housing [502578](#) . CLIK-Mate  
Cable Assembly [15135](#)

This document was generated on 01/27/2023

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**