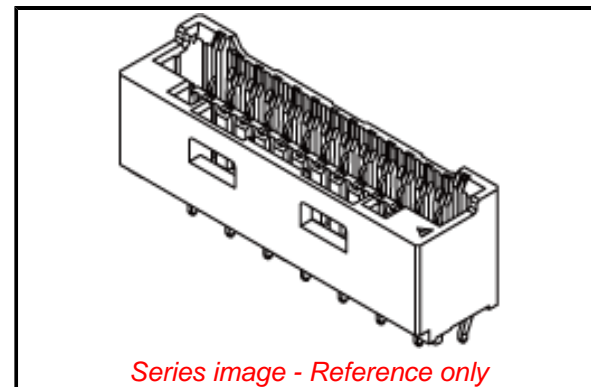


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Part Number: **5031590610**
Status: **Active**
Overview: CLIK-Mate Wire-to-Board Connectors
Description: 1.50mm Pitch CLIK-Mate Wire-to-Board PCB Receptacle, Single Row, Through Hole, Vertical, Tin Plating, without Peg, 6 Circuits

Documents:

| | |
|---|---|
| 3D Model | Application Specification AS-502578-002-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-503159-001-001 (PDF) |
| Product Specification PS-503159-001-001 (PDF) | RoHS Certificate of Compliance (PDF) |
| Application Specification AS-502578-001-001 (PDF) | |



General

| | |
|----------------|--|
| Product Family | PCB Receptacles |
| Series | 503159 |
| Application | Signal, Wire-to-Board |
| Overview | CLIK-Mate Wire-to-Board Connectors |
| Product Name | CLIK-Mate |
| UPC | 883906079031 |

Physical

| | |
|--------------------------------|----------------|
| Circuits (Loaded) | 6 |
| Circuits (maximum) | 6 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 30 |
| Glow-Wire Capable | No |
| Guide to Mating Part | Yes |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 561.201/mg |
| Number of Rows | 1 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.37mm, 1.80mm |
| Packaging Type | Tray |
| Pitch - Mating 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, AS-502578-002-001 |
| Packaging Specification | SPK-503159-001-001 |
| Product Specification | PS-503159-001-001 |
| Sales Drawing | SD-503159-002 |

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free

Status

Not Low-Halogen

**Need more information on product
environmental compliance?**

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any
non-product compliance questions.

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

Search Parts in this Series

[503159](#) Series

Mates With

[502578](#) Crimp Housing . [502579](#) Crimp
Terminal

This document was generated on 08/27/2018

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