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Part Number: **503154-2090**
Status: **Active**
Overview: CLIK-Mate™ Wire-to-Board Connectors
Description: 1.50mm Pitch CLIK-Mate™ Wire-to-Board PCB Receptacle, Dual Row, Vertical, 20 Circuits

Documents:

| | |
|-----------------------------------------------------------|---------------------------------------------------------------|
| 3D Model | Application Specification AS-503149-001 (PDF) |
| Drawing (PDF) | Packaging Specification SPK-503154-001 (PDF) |
| Product Specification PS-503154-001 (PDF) | RoHS Certificate of Compliance (PDF) |

General

| | |
|----------------|--------------------------------------------|
| Product Family | PCB Receptacles |
| Series | 503154 |
| Application | Signal, Wire-to-Board |
| Overview | <u>CLIK-Mate™ Wire-to-Board Connectors</u> |
| Product Name | CLIK-Mate™ |
| UPC | 883906426743 |

Physical

| | |
|--------------------------------|-----------------------|
| Circuits (Loaded) | 20 |
| Circuits (maximum) | 20 |
| Color - Resin | Beige |
| Durability (mating cycles max) | 30 |
| Glow-Wire Compliant | No |
| Keying to Mating Part | Yes |
| Lock to Mating Part | Yes |
| Mated Height | 11.20mm |
| Material - Metal | Copper Alloy |
| Material - Plating Mating | Tin |
| Material - Plating Termination | Tin |
| Net Weight | 1694.001/mg |
| Number of Rows | 2 |
| Orientation | Vertical |
| PCB Locator | No |
| PCB Retention | Yes |
| PCB Thickness - Recommended | 1.20mm, 1.70mm |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.50mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -25°C to +85°C |
| Termination Interface: Style | Surface Mount |

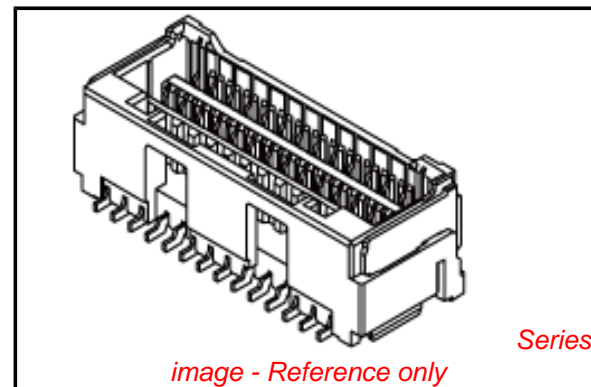
Electrical

| | |
|-------------------------------|------|
| Current - Maximum per Contact | 2A |
| Voltage - Maximum | 100V |

Material Info

Reference - Drawing Numbers

| | |
|---------------------------|---------------------------------------------------------------------------------------------------------------|
| Application Specification | AS-503149-001 |
| Packaging Specification | SPK-503154-001 |
| Product Specification | PS-503154-001, RPS-503154-002, RPS-503154-004, RPS-503154-005, RPS-503154-007, RPS-503154-008, RPS-503154-009 |



EU RoHS

ELV and RoHS Compliant
REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email productcompliance@molex.com
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

Search Parts in this Series

503154Series

Mates With

503149 Crimp Housing . 502579 Crimp Terminal

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