

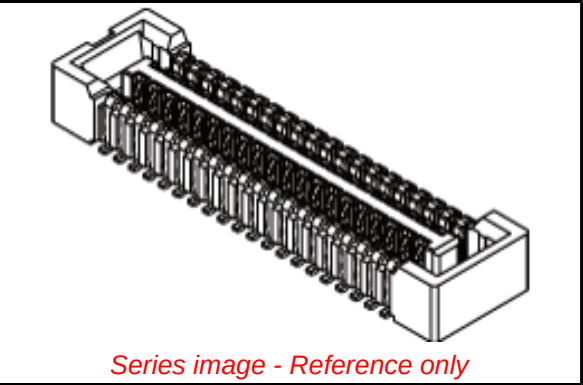
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**Part Number:** 5031054410

**Status:** Active

**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors

**Description:** 0.40mm Pitch SlimStack Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 1.50mm Stacking Height, without Solder Tabs, 44 Circuits



Series image - Reference only

**Documents:**

|                                                               |                                                                   |
|---------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">3D Model</a>                                      | <a href="#">Application Specification AS-503105-001-001 (PDF)</a> |
| <a href="#">Drawing (PDF)</a>                                 | <a href="#">Packaging Specification SPK-503105-001-001 (PDF)</a>  |
| <a href="#">Product Specification PS-503105-001-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>              |

**General**

|                |                                                   |
|----------------|---------------------------------------------------|
| Product Family | PCB Receptacles                                   |
| Series         | 503105                                            |
| Application    | Board-to-Board, Signal                            |
| Overview       | SlimStack™ 0.40mm Pitch Board-to-Board Connectors |
| Product Name   | SlimStack                                         |
| UPC            | 883906186944                                      |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 44                    |
| Circuits (maximum)             | 44                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Mated Height                   | 1.50mm                |
| Material - Metal               | Phosphor Bronze       |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 51.125/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | None                  |
| PCB Thickness - Recommended    | 1.20mm, 1.70mm        |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.40mm                |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Stackable                      | No                    |
| Temperature Range - Operating  | -30° to +75°C         |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |                 |
|-------------------------------|-----------------|
| Current - Maximum per Contact | 0.3A            |
| Voltage - Maximum             | 50V AC (RMS)/DC |

**Material Info**

**Reference - Drawing Numbers**

|                           |                              |
|---------------------------|------------------------------|
| Application Specification | AS-503105-001-001            |
| Packaging Specification   | SPK-503105-001-001           |
| Product Specification     | PS-503105-001-001            |
| Sales Drawing             | SD-503105-001, SD-503105-002 |

**EU ELV**  
**Not Relevant**

|                                                                                                                                                                              |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|
| <b>EU RoHS</b><br><b>Compliant</b><br><b>REACH SVHC</b><br>Not Contained Per -<br>ED/61/2018 (27 June<br>2018)<br><b>Halogen-Free</b><br><b>Status</b><br><b>Low-Halogen</b> | <b>China RoHS</b> |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|

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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**  
503105 Series

**Mates With**  
503108 PCB Header

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