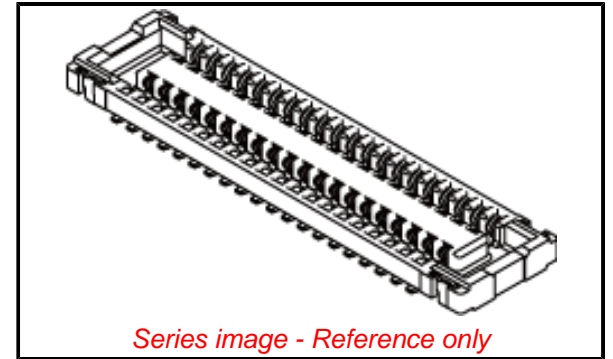


**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [5033042040](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** SlimStack 0.40mm Pitch Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.70mm Stacking Height, 20 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-503304-003-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 5033040000-000 \(PDF\)](#)



**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles   |
| Series         | <a href="#">503304</a>  |
| Application    | Board-to-Board, Signal  |
| Overview       | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack   |
| UPC            | 887191498768  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 20                    |
| Circuits (maximum)             | 20                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Capable              | No                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 0.70mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 11.078/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Locator                    | No                    |
| PCB Retention                  | Yes                   |
| 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  | -40° to +85°C         |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                       |  |
|-----------------------|--|
| Product Specification | 5033040000-000, PS-503304-003-001                              |
| Sales Drawing         | 5033040000-000, 5033040001-000, 5033041000-000, 5033041001-000 |

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

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

**Halogen-Free**

**Status**

**Low-Halogen**

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

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

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[503304 Series](#)

**Mates With**

[503308 PCB Header](#)