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**Part Number:** [503304-2040](#)  
**Status:** **Active**  
**Overview:** [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)  
**Description:** SlimStack™ 0.40mm Pitch Board-to-Board Receptacle, SMT, Dual Row, Vertical, 0.70mm Stacking Height, 20 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-503304-003 \(PDF\)](#)

**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 Compliant            | No                    |
| Lock to Mating Part            | Yes                   |
| Mated Height                   | 0.70mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 16.475/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°C to +85°C        |
| Termination Interface: Style   | Surface Mount         |

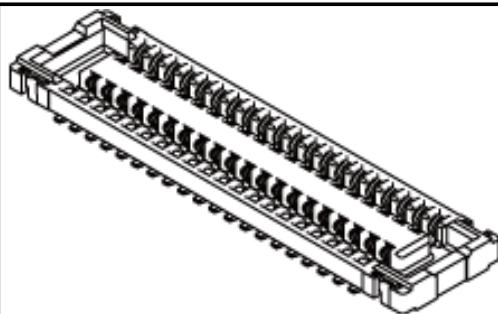
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                       |                              |
|-----------------------|------------------------------|
| Product Specification | PS-503304-003                |
| Sales Drawing         | SD-503304-006, SD-503304-007 |



Series

image - Reference only

**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Low-Halogen**

**China RoHS**



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[503304Series](#)

**Mates With**

[503308 PCB Header](#)