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**Part Number:** **501531-0910**  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch SlimStack™ Board-to-Board, Plug, SMT, Dual Row, Vertical Stacking, 1.30mm Stacking Height, with Solder Tabs, 90 Circuits

**Documents:**

[3D Model](#) [Product Specification PS-501527-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

|                |                                                                   |
|----------------|-------------------------------------------------------------------|
| Product Family | PCB Headers                                                       |
| Series         | 501531                                                            |
| Application    | Board-to-Board, Signal                                            |
| Overview       | <a href="#">SlimStack™ 0.40mm Pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack™                                                        |

**Physical**

|                                |                        |
|--------------------------------|------------------------|
| Breakaway                      | No                     |
| Circuits (Loaded)              | 90                     |
| Color - Resin                  | Black                  |
| Durability (mating cycles max) | 30                     |
| Glow-Wire Compliant            | No                     |
| Guide to Mating Part           | No                     |
| Keying to Mating Part          | None                   |
| Lock to Mating Part            | Yes                    |
| Mated Height                   | 1.30mm                 |
| Material - Metal               | Brass, Phosphor Bronze |
| Material - Plating Mating      | Gold                   |
| 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  | -25°C to +85°C         |
| Termination Interface: Style   | Surface Mount          |

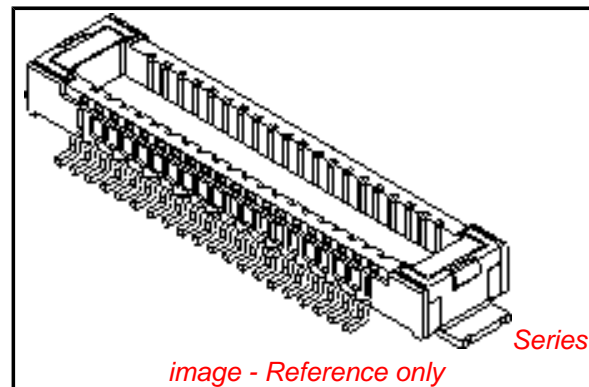
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

|                       |                                               |
|-----------------------|-----------------------------------------------|
| Product Specification | PS-501527-001, RPS-501527-001, RPS-501527-004 |
| Sales Drawing         | SD-501531-001, SD-501531-002                  |



*image - Reference only*

**EU RoHS**

**ELV and RoHS  
Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Low-Halogen**

**China RoHS**



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**Search Parts in this Series**

501531Series

**Mates With**

501527 SlimStack™ Board-to-Board Receptacle