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**Part Number:** [505066-3010](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.35mm pitch Board-to-Board Connectors  
**Description:** 0.35mm Pitch SlimStack™ SSB6 RP Board-to-Board Receptacle, Surface Mount, Dual Row, Vertical, 0.60mm Stacking Height, 2.00mm Width, 30 Circuits

**Documents:**

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Packaging Specification SPK-505066-001 \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles   |
| Series         | <a href="#">505066</a>  |
| Application    | Board-to-Board  |
| Overview       | <a href="#">SlimStack™ 0.35mm pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack™  |
| UPC            | 887191916965  |

**Physical**

|                                |                       |
|--------------------------------|-----------------------|
| Circuits (Loaded)              | 30                    |
| Circuits (maximum)             | 30                    |
| Color - Resin                  | Black                 |
| Durability (mating cycles max) | 30                    |
| Glow-Wire Compliant            | No                    |
| Mated Height                   | 0.60mm                |
| Material - Metal               | Copper Alloy          |
| Material - Plating Mating      | Gold                  |
| Material - Plating Termination | Gold                  |
| Net Weight                     | 13.388/mg             |
| Number of Rows                 | 2                     |
| Orientation                    | Vertical              |
| PCB Retention                  | Yes                   |
| Packaging Type                 | Embossed Tape on Reel |
| Pitch - Mating Interface       | 0.35mm                |
| Polarized to Mating Part       | No                    |
| Polarized to PCB               | No                    |
| Stackable                      | Yes                   |
| Temperature Range - Operating  | -40°C to +85°C        |
| Termination Interface: Style   | Surface Mount         |

**Electrical**

|                               |     |
|-------------------------------|-----|
| Current - Maximum per Contact | .3A |
| Voltage - Maximum             | 50V |

**Material Info**

**Reference - Drawing Numbers**

|                         |                              |
|-------------------------|------------------------------|
| Packaging Specification | SPK-505066-001               |
| Sales Drawing           | SD-505066-001, SD-505066-002 |

**EU RoHS**

**ELV and RoHS**

**Compliant**

**REACH SVHC**

**Contains SVHC: No**

**Low-Halogen Status**

**Low-Halogen**

**China RoHS**



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

Email [productcompliance@molex.com](mailto: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**

[505066Series](#)

**Mates With**

[505070](#) 0.35mm Pitch SlimStack™ SSB6 RP Board-to-Board Plug Connector