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**Part Number:** [0526020679](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 1.00mm Pitch Board-to-Board Connectors  
**Description:** 1.00mm Pitch Receptacle, Dual Row Surface Mount, Vertical Stacking, Mated Stacking Height 20.00mm, 60 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-52602-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 525840000-000 \(PDF\)](#)

**General**

|                |   |
|----------------|---|
| Product Family | PCB Receptacles   |
| Series         | <a href="#">52602</a>   |
| Application    | Board-to-Board, Signal  |
| Overview       | <a href="#">SlimStack™ 1.00mm Pitch Board-to-Board Connectors</a> |
| Product Name   | SlimStack™  |
| UPC            | 822348205035  |

**Physical**

|                                |                 |
|--------------------------------|-----------------|
| Circuits (Loaded)              | 60              |
| Circuits (maximum)             | 60              |
| Color - Resin                  | White           |
| Durability (mating cycles max) | 50              |
| Glow-Wire Compliant            | No              |
| Mated Height                   | 20.00mm         |
| Material - Metal               | Phosphor Bronze |
| Material - Plating Mating      | Gold            |
| Material - Plating Termination | Tin             |
| Net Weight                     | 874.920/mg      |
| Number of Rows                 | 2               |
| Orientation                    | Vertical        |
| PC Tail Length                 | 1.80mm          |
| PCB Locator                    | Yes             |
| PCB Retention                  | None            |
| PCB Thickness - Recommended    | 1.80mm          |
| Packaging Type                 | Tube            |
| Pitch - Mating Interface       | 1.00mm          |
| Plating min - Mating           | 0.254µm         |
| Plating min - Termination      | 1.016µm         |
| Polarized to PCB               | Yes             |
| Surface Mount Compatible (SMC) | N/A             |
| Temperature Range - Operating  | -55°C to +85°C  |
| Termination Interface: Style   | Surface Mount   |

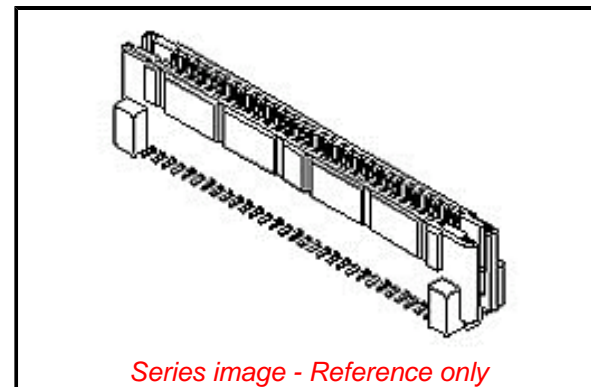
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 100V |

**Material Info**

**Reference - Drawing Numbers**

|                         |                            |
|-------------------------|----------------------------|
| Packaging Specification | SPK-52602-001-001          |
| Product Specification   | 525840000-000              |
| Sales Drawing           | SD-52602-001, SD-52602-002 |



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[52602](#) Series

**Mates With**

[53408](#)

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