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**Part Number:** [0528851074](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.635mm Pitch, 0.635 Series, Receptacle, 6.00 to 10.00mm Mated Height, 6.40mm Mated Width, 100 Circuits

**Documents:**

- |                                                                 |                                                      |
|-----------------------------------------------------------------|------------------------------------------------------|
| <a href="#">3D Model</a>                                        | <a href="#">Datasheet (PDF)</a>                      |
| <a href="#">3D Model (PDF)</a>                                  | <a href="#">Product Guide (PDF)</a>                  |
| <a href="#">Drawing (PDF)</a>                                   | <a href="#">RoHS Certificate of Compliance (PDF)</a> |
| <a href="#">Product Specification 527600000-000 (PDF)</a>       | <a href="#">Reference Guide (PDF)</a>                |
| <a href="#">Packaging Specification SPK-52885-001-001 (PDF)</a> |                                                      |

**Agency Certification**

UL E29179

**General**

|                |                                                                  |
|----------------|------------------------------------------------------------------|
| Product Family | PCB Receptacles                                                  |
| Series         | <a href="#">52885</a>                                            |
| Application    | Board-to-Board, Signal                                           |
| Comments       | Stacking-Type                                                    |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack                                                        |
| Series Name    | 0.635, Rigid                                                     |
| UPC            | 822348166060                                                     |

**Physical**

|                                |                                         |
|--------------------------------|-----------------------------------------|
| Circuits (Loaded)              | 100                                     |
| Circuits (maximum)             | 100                                     |
| Color - Resin                  | Natural                                 |
| Durability (mating cycles max) | 50                                      |
| Flammability                   | 94V-0                                   |
| Glow-Wire Capable              | No                                      |
| Lock to Mating Part            | None                                    |
| Mated Height                   | 10.00mm, 6.00mm, 7.00mm, 8.00mm, 9.00mm |
| Mated Width                    | 6.40mm                                  |
| Material - Metal               | Copper Alloy                            |
| Material - Plating Mating      | Gold                                    |
| Material - Plating Termination | Tin                                     |
| Material - Resin               | High Temperature Thermoplastic          |
| Net Weight                     | 1149.696/mg                             |
| Number of Rows                 | 2                                       |
| Orientation                    | Vertical                                |
| PCB Locator                    | Yes                                     |
| PCB Retention                  | Yes                                     |
| PCB Thickness - Recommended    | 1.60mm                                  |
| Packaging Type                 | Embossed Tape on Reel                   |
| Pitch - Mating Interface       | 0.635mm                                 |
| Plating min - Mating           | 0.254µm                                 |
| Plating min - Termination      | 2.032µm                                 |
| Polarized to PCB               | Yes                                     |
| Robotic Placement              | Pick and Place Cap                      |
| Surface Mount Compatible (SMC) | N/A                                     |
| Temperature Range - Operating  | -55° to +105°C                          |
| Termination Interface: Style   | Surface Mount                           |

**Electrical**



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)9139-DC (19  
Jan 2021)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

**China RoHS**

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**

[52885](#) Series

**Mates With**

SlimStack 0.635 Plug [55091](#) , [53625](#) , [53647](#)  
, [53649](#) , [53627](#)

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

**Material Info**

**Reference - Drawing Numbers**

|                         |                                    |
|-------------------------|------------------------------------|
| Packaging Specification | SPK-52885-001-001                  |
| Product Specification   | 527600000-000                      |
| Sales Drawing           | SD-52885-003-001, SD-52885-004-001 |

This document was generated on 08/19/2021

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