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**Part Number:** [0524651071](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Connector, 0.80mm Pitch, Rigid Type Receptacle, 4.50 to 7.00mm Mated Height, Vertical, 10 Circuits, without Boss

**Documents:**

|  |   |
|--|---|
| <a href="#">3D Model (PDF)</a>                               | <a href="#">Packaging Specification SPK-52465-002-001 (PDF)</a> |
| <a href="#">3D Model</a>                                     | <a href="#">Datasheet (PDF)</a>                                 |
| <a href="#">Drawing (PDF)</a>                                | <a href="#">Product Guide (PDF)</a>                             |
| <a href="#">Product Specification PS-52465-010-001 (PDF)</a> | <a href="#">RoHS Certificate of Compliance (PDF)</a>            |
| <a href="#">Product Specification PS-52465-014-001 (PDF)</a> | <a href="#">Reference Guide (PDF)</a>                           |
| <a href="#">Product Specification PS-52465-015-001 (PDF)</a> |   |

**General**

|                |  |
|----------------|--|
| Product Family | PCB Receptacles  |
| Series         | <a href="#">52465</a>  |
| Application    | Board-to-Board, Signal   |
| Overview       | <a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a> |
| Product Name   | SlimStack  |
| Series Name    | 0.8 and above  |
| UPC            | 822348142927   |

**Physical**

|                                |                                |
|--------------------------------|--------------------------------|
| Circuits (Loaded)              | 10                             |
| Circuits (maximum)             | 10                             |
| Color - Resin                  | Natural                        |
| Durability (mating cycles max) | 30                             |
| Glow-Wire Capable              | No                             |
| Mated Height                   | 4.50mm, 5.65mm, 6.00mm, 7.00mm |
| Mated Width                    | 4.70mm, 5.10mm                 |
| Material - Metal               | Phosphor Bronze                |
| Material - Plating Mating      | Tin                            |
| Material - Plating Termination | Tin                            |
| Material - Resin               | High Temperature Thermoplastic |
| Net Weight                     | 108.800/mg                     |
| Number of Rows                 | 2                              |
| Orientation                    | Vertical                       |
| PCB Locator                    | No                             |
| PCB Retention                  | None                           |
| PCB Thickness - Recommended    | 1.60mm                         |
| Packaging Type                 | Embossed Tape on Reel          |
| Pitch - Mating Interface       | 0.80mm                         |
| Plating min - Mating           | 1.016µm                        |
| Plating min - Termination      | 1.016µm                        |
| Polarized to PCB               | No                             |
| Surface Mount Compatible (SMC) | N/A                            |
| Temperature Range - Operating  | -40° to +105°C                 |
| Termination Interface: Style   | Surface Mount                  |

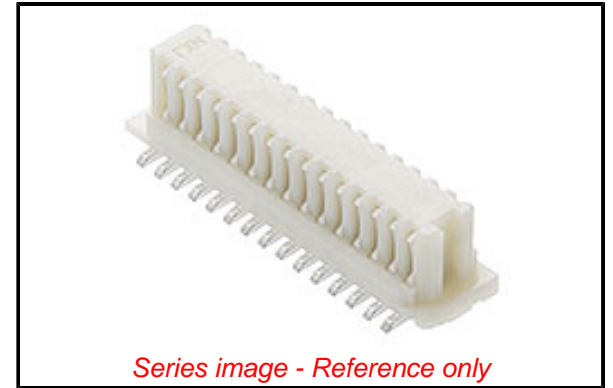
**Electrical**

|                               |      |
|-------------------------------|------|
| Current - Maximum per Contact | 0.5A |
| Voltage - Maximum             | 50V  |

**Material Info**

**Reference - Drawing Numbers**

|                         |                   |
|-------------------------|-------------------|
| Packaging Specification | SPK-52465-002-001 |
|-------------------------|-------------------|



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2021)4569-DC (8  
July 2021)

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[52465 Series](#)

**Mates With**

[53364](#) , [53353](#) , [53307](#) , [53309](#)

Product Specification

Sales Drawing

PS-52465-010-001, PS-52465-014-001,  
PS-52465-015-001  
SD-52465-028-001, SD-52465-029-001

This document was generated on 10/11/2021

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