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**Part Number:** [0528851674](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.635mm Pitch Board-to-Board Connectors  
**Description:** 0.635mm Pitch SlimStack Receptacle, Surface Mount, Dual Row, Vertical Stacking, 6.00 to 10.00mm Stacking Heights, Embossed Tape with Cover Packaging, 160 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-52885-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification 527600000-000 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

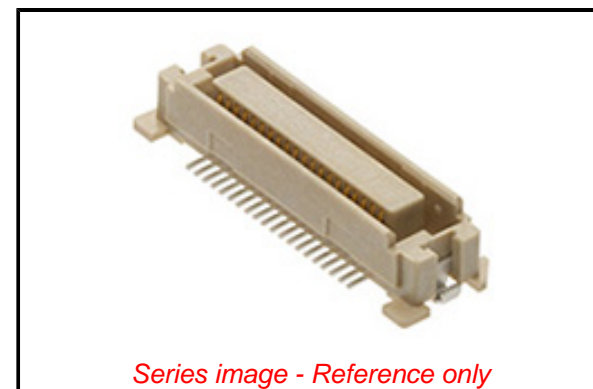
Product Family PCB Receptacles  
 Series [52885](#)  
 Application Board-to-Board, Signal  
 Comments Stacking-Type  
 Overview [SlimStack™ 0.635mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack  
 UPC 822348246229

**Physical**

Circuits (Loaded) 160  
 Circuits (maximum) 160  
 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 1791.301/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 0.64mm  
 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**

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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per  
 -ED/01/2018 (15  
 January 2018)

**Halogen-Free**

**Status**

**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**

[52885 Series](#)

**Mates With**

[55091](#) , [53649](#) , [53627](#) , [53647](#) , [53625](#)

**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

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