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**Part Number:** [52885-0274](#)  
**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, 20 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-52885-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-52760-015 \(PDF\)](#)

**Agency Certification**

UL E29179

**General**

Product Family PCB Receptacles  
 Series [52885](#)  
 Application Board-to-Board, Signal  
 Comments Stacking-Type  
 MolexKits Yes  
 Overview [SlimStack™ 0.635mm Pitch Board-to-Board Connectors](#)  
 Product Name SlimStack™  
 UPC 822348165872

**Physical**

Circuits (Loaded) 20  
 Circuits (maximum) 20  
 Color - Resin Natural  
 Durability (mating cycles max) 50  
 Flammability 94V-0  
 Glow-Wire Compliant No  
 Lock to Mating Part Yes  
 Mated Height 10.00mm, 5.00mm, 6.00mm, 7.00mm, 8.00mm, 9.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 453.561/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°C to +85°C  
 Termination Interface: Style Surface Mount

**Electrical**

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

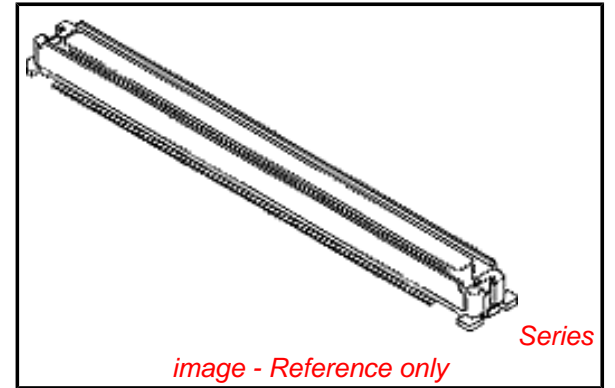


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**EU RoHS**

**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**

[52885Series](#)

**Mates With**

[55091](#) , [53649](#) , [53643](#) , [53475](#) , [53627](#) ,  
[53553](#) , [53552](#) , [53647](#) , [53551](#) , [53481](#) ,  
[53625](#)

## Material Info

### Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-52885-001

PS-52760-015, RPS-52885-007, RPS-52885-008,

RPS-52885-009, RPS-52885-013

SD-52885-003, SD-52885-004

This document was generated on 02/05/2015

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