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**Part Number:** [54363-0878](#)  
**Status:** **Active**  
**Description:** 0.50mm Pitch SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 2.00 and 3.00mm Stacking Heights, with Solder Tabs, 80 Circuits, Lead-Free

**Documents:**

[3D Model](#) [Product Specification PS-54363-045 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54363-044 \(PDF\)](#)

**General**

Product Family PCB Receptacles  
 Series [54363](#)  
 Application Board-to-Board, Signal  
 Comments Solder Tab Plating: Lead-Free, Tin  
 Product Name SlimStack™

**Physical**

Circuits (Loaded) 80  
 Circuits (maximum) 80  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 Glow-Wire Compliant No  
 Lock to Mating Part None  
 Mated Height 2.00mm  
 Material - Metal Phosphor Bronze  
 Material - Plating Mating Gold  
 Material - Plating Termination Gold  
 Material - Resin High Temperature Thermoplastic  
 Number of Rows 2  
 Orientation Vertical  
 PCB Locator No  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Embossed Tape on Reel  
 Pitch - Mating Interface 0.50mm  
 Pitch - Termination Interface 0.50mm  
 Plating min - Mating 0.254µm  
 Plating min - Termination 0.102µm  
 Polarized to PCB No  
 Surface Mount Compatible (SMC) N/A  
 Temperature Range - Operating -25°C to +85°C  
 Termination Interface: Style Surface Mount

**Electrical**

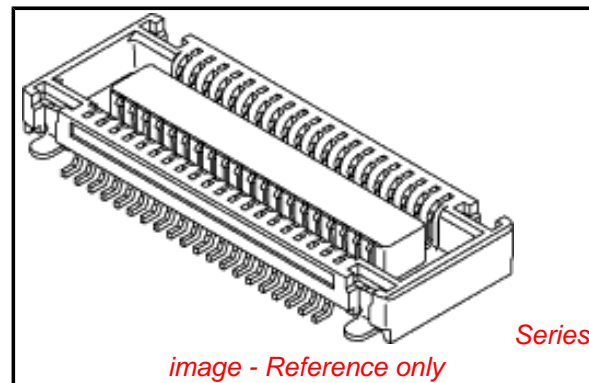
Current - Maximum per Contact 0.5A  
 Voltage - Maximum 50V

**Material Info**

UPC 822348104444

**Reference - Drawing Numbers**

Product Specification PS-54363-044, PS-54363-045, RPS-54363-044, RPS-54363-045, RPS-54363-047  
 Sales Drawing SD-54363-038, SD-54363-039



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

**Contains SVHC: No Low-Halogen Status Not Reviewed**

**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**

[54363Series](#)

**Mates With**

[55201](#) PCB Header

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