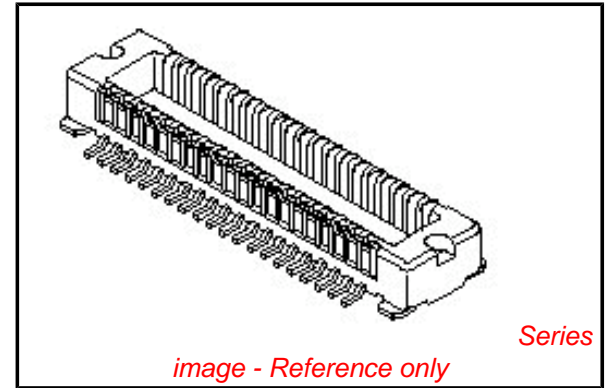


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**Part Number:** [55201-0878](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch  
**Description:** 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.00mm Stack Height, with Solder Tab, Lead-Free, 80 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-54363-047 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification SPK-55201-001 (PDF)</a>
<a href="#">Product Specification PS-54363-045 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-54363-046 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	<a href="#">55201</a>
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Lead-Free, Tin
Overview	<a href="#">SlimStack™ 0.50mm Pitch</a>
Product Name	SlimStack™

**Physical**

Breakaway	No
Circuits (Loaded)	80
Circuits (maximum)	80
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	2.00mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	1.47mm
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Plating min - Mating	0.254µm
Plating min - Termination	0.102µm
Shrouded	Fully
Stackable	No
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	822348106851
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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**

[55201Series](#)

**Mates With**

[54363 SlimStack™ Receptacle](#)

**Reference - Drawing Numbers**

Product Specification

Sales Drawing

PS-54363-045, PS-54363-046, PS-54363-047,  
RPS-54363-044, RPS-54363-045, SPK-55201-001  
SD-55201-013, SD-55201-014, SD-55201-015

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