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**Part Number:** [500334-0160](#)  
**Status:** **Active**  
**Overview:** SlimStack™ 0.50mm Pitch  
**Description:** 0.50mm Pitch SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 2.50mm Stack Height, 16 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-500334-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-54102-010 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	500334
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack™ 0.50mm Pitch</a>
Product Name	SlimStack™
UPC	756054527047

**Physical**

Breakaway	No
Circuits (Loaded)	16
Circuits (maximum)	16
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	2.50mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	522.704/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.50mm
Polarized to PCB	No
Stackable	No
Temperature Range - Operating	-40°C to +85°C
Termination Interface: Style	Surface Mount

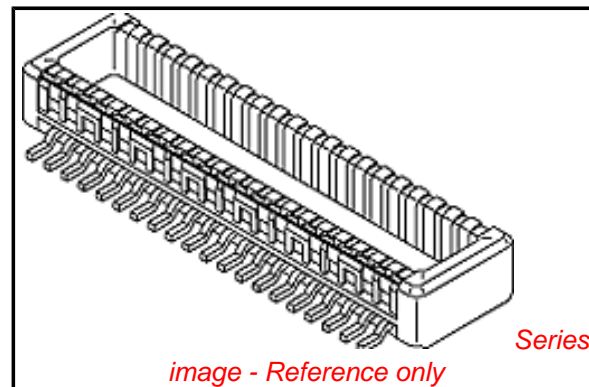
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-500334-001
Product Specification	PS-54102-010, RPS-54102-008, RPS-54102-012, RPS-54102-014, RPS-54102-017
Sales Drawing	SD-500334-001, SD-500334-002



**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**

[500334Series](#)

**Mates With**

[54102 SlimStack™ Receptacle](#)

This document was generated on 02/04/2013

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