

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** **5000273042**  
**Status:** **Contact Molex**  
**Overview:** [slimstack\\_mm016\\_pitch](#)  
**Description:** 0.40mm (.016") Pitch Board-to-Board SlimStack™ Plug, Surface Mount, Dual Row, Vertical, 0.95mm (.037") Mated Height, without Friction Lock, Lead-free, 30 Circuits, Nickel Under Plating, Reel Size Diameter 380mm, Reel Quantity 3,000

**Documents:**

[3D Model](#) [Product Specification PS-500024-011 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	500027
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Lead-free, Tin
Overview	<a href="#">slimstack_mm016_pitch</a>
Product Name	SlimStack™

**Physical**

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Natural
Durability (mating cycles max)	10
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	None
Lock to Mating Part	None
Mated Height	0.95mm (.037")
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Number of Rows	2
Orientation	Vertical
PC Tail Length	0.47mm (.019")
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm (.016")
Pitch - Termination Interface	0.40mm (.016")
Plating min - Mating	0.102µm (4µ")
Plating min - Termination	0.035µm (1.2µ")
Polarized to Mating Part	No
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.1A
Voltage - Maximum	50V

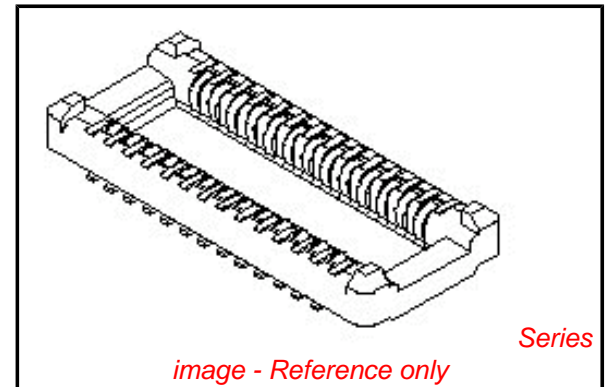


image - Reference only

**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**

500027Series

**Mates With**

500024 SlimStack™ Board-to-Board Receptacle

## Material Info

### Reference - Drawing Numbers

Product Specification

PS-500024-011, RPS-500024-019, RPS-500024-025,  
RPS-500024-030, RPS-500024-032, RPS-500024-034,  
RPS-500024-038, RPS-500024-040, RPS-500024-041  
SD-500027-028, SD-500027-030

Sales Drawing

This document was generated on 05/06/2011

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**