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**Part Number:** [5000274041](#)  
**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, 40 Circuits, Reel Size Diameter 330mm, Reel Quantity 2,000

**Documents:**

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

**General**

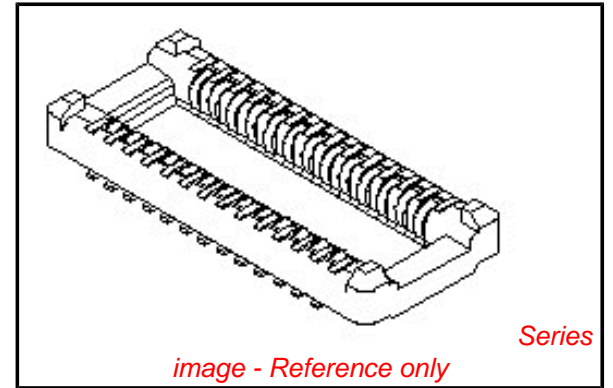
Product Family	PCB Headers
Series	<a href="#">500027</a>
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Lead-free, Tin
Overview	<a href="#">slimstack_mm016_pitch</a>
Product Name	SlimStack™

**Physical**

Breakaway	No
Circuits (Loaded)	40
Circuits (maximum)	40
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



**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**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**

Country of Origin

HK, JP, US

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

SPK-500027-001

PS-500024-011, RPS-500024-019, RPS-500024-025,  
RPS-500024-030, RPS-500024-031, RPS-500024-032,  
RPS-500024-034, RPS-500024-035, RPS-500024-038,  
RPS-500024-039, RPS-500024-040, RPS-500024-041  
SD-500027-028, SD-500027-029

Sales Drawing

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