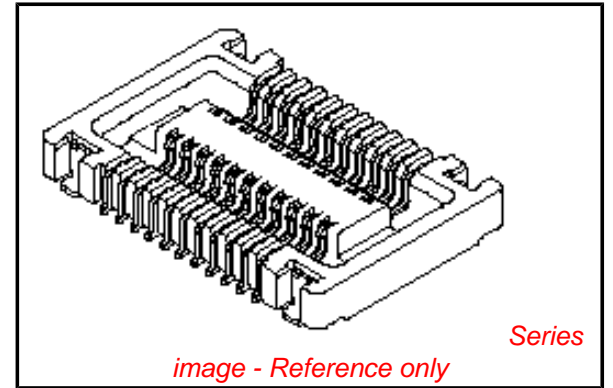


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**Part Number:** [5000244071](#)  
**Status:** **Active**  
**Description:** 0.40mm (.016") Pitch Board-to-Board SlimStack™ Receptacle, Surface Mount, Dual Row, Vertical, 0.95mm (.037") Mated Height, without Friction Lock, 40 Circuits, Lead-free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-500024-009 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Product Specification PS-500024-011 (PDF)</a>
<a href="#">Product Specification PS-500024-008 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**General**

Product Family	PCB Receptacles
Series	500024
Application	Board-to-Board
Comments	Solder Tab Plating: Lead-Free, Tin
Product Name	SlimStack™

**Physical**

Circuits (Loaded)	40
Color - Resin	Natural
Durability (mating cycles max)	10
Glow-Wire Compliant	No
Lock to Mating Part	None
Mated Height (in)	0.037 In
Mated Height (mm)	0.95 mm
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
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.016 In
Pitch - Mating Interface (mm)	0.40 mm
Plating min: Mating (µin)	4
Plating min: Mating (µm)	0.1
Plating min: Termination (µin)	2
Plating min: Termination (µm)	0.05
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	0.1A
Voltage - Maximum	50V

**Material Info**

**Reference - Drawing Numbers**

Product Specification	PS-500024-008, PS-500024-009, PS-500024-011, RPS-500024-019, RPS-500024-020, RPS-500024-023, RPS-500024-025, RPS-500024-026, RPS-500024-030, RPS-500024-031, RPS-500024-034, RPS-500024-035,
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**EU RoHS**  
**ELV and RoHS**  
**Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Halogen-Free**  
**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**

500024Series

**Mates With**

5000274042

Sales Drawing

RPS-500024-038, RPS-500024-039, RPS-500024-040,  
RPS-500024-041  
SD-500024-018, SD-500024-019

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