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**Part Number:** **5024301410**  
**Status:** **Active**  
**Overview:** SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
**Description:** 0.40mm Pitch SlimStack™ Board-to-Board, Plug, Surface Mount, Dual Row, Vertical Stacking, 1.00mm Stacking Height, with Solder Tabs, 14 Circuits

**Documents:**

[3D Model](#) [Packaging Specification SPK-502430-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-502426-001 \(PDF\)](#)

**General**

Product Family PCB Headers  
Series 502430  
Application Board-to-Board, Signal  
Overview SlimStack™ 0.40mm Pitch Board-to-Board Connectors  
Product Name SlimStack™  
UPC 883906965969

**Physical**

Breakaway No  
Circuits (Loaded) 14  
Circuits (maximum) 14  
Color - Resin Black  
Durability (mating cycles max) 30  
Glow-Wire Compliant No  
Mated Height 1.00mm  
Material - Metal Phosphor Bronze  
Material - Plating Mating Gold  
Material - Plating Termination Gold  
Net Weight 9.830/mg  
Number of Rows 2  
Orientation Vertical  
PCB Locator No  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 0.40mm  
Polarized to Mating Part No  
Polarized to PCB No  
Stackable No  
Temperature Range - Operating -20°C to +85°C  
Termination Interface: Style Surface Mount

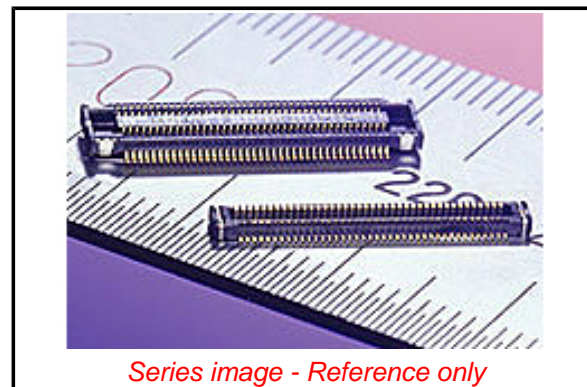
**Electrical**

Current - Maximum per Contact 0.3A  
Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification SPK-502430-001  
Product Specification PS-502426-001, RPS-502426-001, RPS-502426-009, RPS-502426-014, RPS-502426-019, RPS-502426-024, RPS-502426-027, RPS-502426-035, RPS-502426-037  
Sales Drawing SD-502430-001, SD-502430-002



Series image - Reference only

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2015 June 15): No

**Halogen-Free**

**Status**

**Low-Halogen**

**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[502430](#) Series

**Mates With**

[502426](#) PCB Receptacle

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