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**Part Number:** [5024302430](#)  
**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, with Vacuum Tape, 24 Circuits

**Documents:**  
[3D Model](#) [Packaging Specification SPK-502430-001-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

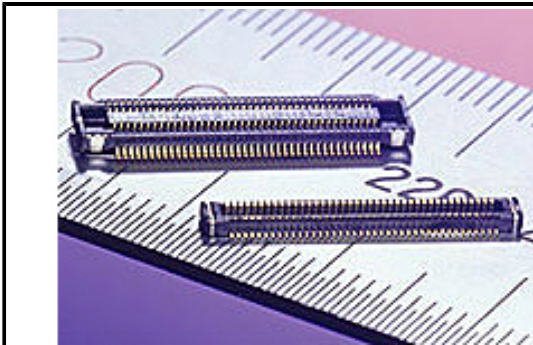
**General**  
Product Family PCB Headers  
Series [502430](#)  
Application Board-to-Board, Signal  
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)  
Product Name SlimStack™  
UPC 883906053666

**Physical**  
Breakaway No  
Circuits (Loaded) 24  
Circuits (maximum) 24  
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 12.501/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-502430-001-001  
Sales Drawing SD-502430-003, SD-502430-004



Series image - Reference only

**EU ELV**  
**Not Relevant**

**EU RoHS** **China RoHS**  
**Compliant**  
**REACH SVHC**  
Not Contained Per -  
ED/21/2016 (20 June  
2016)  
**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      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

**Search Parts in this Series**  
[502430](#) Series

**Mates With**  
[502426](#) PCB Receptacle

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