

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

**Part Number:** **5024305030**  
**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, 50 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
Series Name	T10
UPC	800756832456

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	1.00mm
Mated Width	2.60mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	21.211/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
Temperature Range - Operating	-20° to +85°C
Termination Interface: Style	Surface Mount

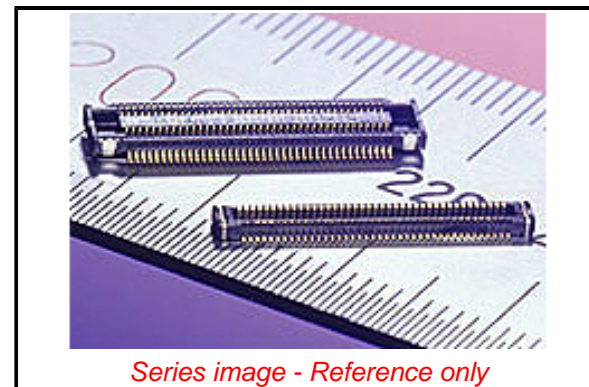
**Electrical**

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**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

502430 Series

**Mates With**

502426 PCB Receptacle