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**Part Number:** [5015310510](#)

**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, 1.30mm Stacking Height, with Solder Tabs, 50 Circuits

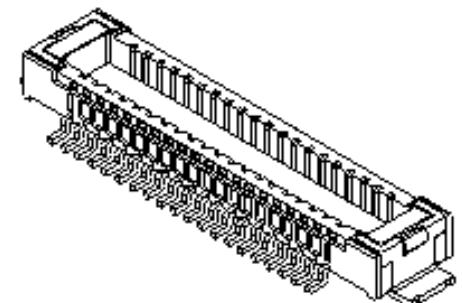
**Documents:**

[3D Model](#)  
[Drawing \(PDF\)](#)

[Product Specification PS-501527-001-001 \(PDF\)](#)

[Product Specification PS-505225-001-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)



*Series image - Reference only*

**General**

Product Family

Series

Application

Overview

Product Name

UPC

PCB Headers

[501531](#)

Board-to-Board, Signal

[SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)

SlimStack™

822348854561

**Physical**

Breakaway

No

Circuits (Loaded)

50

Circuits (maximum)

50

Color - Resin

Black

Durability (mating cycles max)

30

Glow-Wire Compliant

No

Guide to Mating Part

No

Keying to Mating Part

None

Lock to Mating Part

Yes

Mated Height

1.30mm

Material - Metal

Brass, Phosphor Bronze

Material - Plating Mating

Gold

Net Weight

41.854/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

-25°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**

Product Specification

PS-501527-001-001, PS-505225-001-001

Sales Drawing

SD-501531-001, SD-501531-002, SD-505226-001,

SD-505226-002

**EU ELV**

**Not Relevant**

**EU 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

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

501531 Series

**Mates With**

501527 SlimStack™ Board-to-Board  
Receptacle

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