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Part Number: [5015310210](#)
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, 20 Circuits

Documents:

[3D Model](#) [Product Specification PS-505225-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-501527-001-001 \(PDF\)](#)

General

Product Family PCB Headers
Series [501531](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack™
UPC 800756678030

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
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 22.264/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

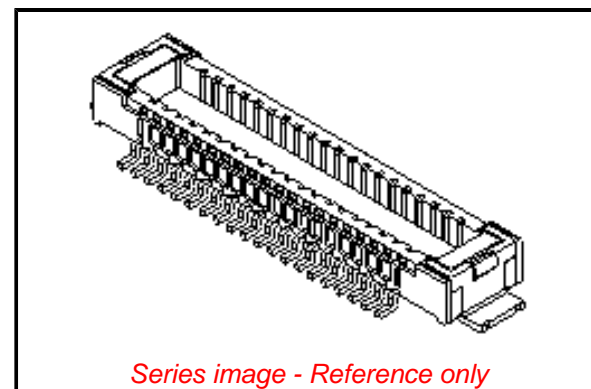
Electrical

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



Series image - Reference only

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
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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