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Part Number: [5015310410](#)
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, 40 Circuits

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

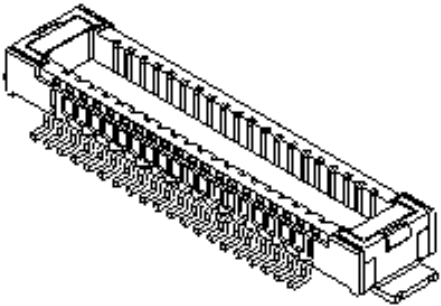
General
Product Family PCB Headers
Series [501531](#)
Application Board-to-Board, Signal
Overview [SlimStack™ 0.40mm Pitch Board-to-Board Connectors](#)
Product Name SlimStack™
UPC 822350293976

Physical
Breakaway No
Circuits (Loaded) 40
Circuits (maximum) 40
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 35.354/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 **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
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
[501531](#) Series

Mates With
[501527](#) SlimStack™ Board-to-Board Receptacle

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