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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
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	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
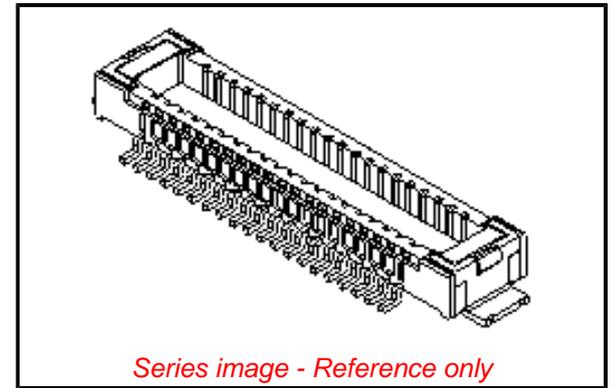
EU ELV
Not Relevant

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex](#):
  [501531-0210](#)