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Part Number: [5037762010](#)
Status: **Active**
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack B8 Board-to-Board Plug, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 20 Circuits

Documents:
[3D Model](#)
[Drawing \(PDF\)](#)
[Product Specification PS-503772-001-001 \(PDF\)](#)
[Product Specification PS-503772-002-001 \(PDF\)](#)
[Application Specification AS-503772-001-001 \(PDF\)](#)
[Packaging Specification SPK-503776-001-001 \(PDF\)](#)
[RoHS Certificate of Compliance \(PDF\)](#)

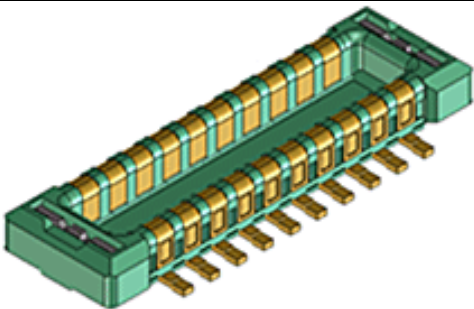
General
Product Family PCB Headers
Series [503776](#)
Application Board-to-Board, Signal
Overview SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name SlimStack
Series Name B8
UPC 884982406919

Physical
Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
Color - Resin Black
Durability (mating cycles max) 30
Glow-Wire Capable No
Lock to Mating Part Yes
Mated Height 0.80mm
Mated Width 2.50mm
Material - Metal Copper Alloy
Material - Plating Mating Gold
Material - Plating Termination Gold
Net Weight 10.070/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 -40° to +85°C
Termination Interface: Style Surface Mount

Electrical
Current - Maximum per Contact 0.3A
Voltage - Maximum 50V AC/DC

Material Info

Reference - Drawing Numbers
Application Specification AS-503772-001-001
Packaging Specification SPK-503776-001-001
Product Specification PS-503772-001-001, PS-503772-002-001
Sales Drawing 5037760000-000, 5037761000-000



Series image - Reference only

EU ELV
Not Relevant

EU RoHS **China RoHS**
Compliant
REACH SVHC
Not Contained Per - ED/61/2018 (27 June 2018)
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
[503776 Series](#)

Mates With
SlimStack B8 Board-to-Board Receptacle
[503772-2010](#)

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