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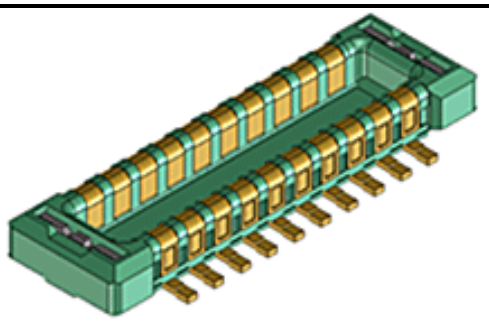
Part Number: 5037765010
Status: Active
Overview: SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Description: 0.40mm Pitch SlimStack B8 Board-to-Board Plug, Surface Mount, Dual Row, Vertical, 0.80mm Stacking Height, 50 Circuits



Series image - Reference only

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 B8
UPC	884982408968
Physical	
Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	0.80mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	20.886/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°C 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

EU ELV
Not Relevant

EU RoHS
Compliant

China RoHS

REACH SVHC
Not Contained Per -ED/01/2018 (15 January 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
503772-5010

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