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**Part Number:** **5033086020**  
**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, 0.70mm/1.00mm Stacking Height, 60 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-503304-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-503308-001 (PDF)</a>
<a href="#">Product Specification PS-503304-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

Product Family	PCB Headers
Series	503308
Application	Board-to-Board, Signal
Overview	SlimStack™ 0.40mm Pitch Board-to-Board Connectors
Product Name	SlimStack™
UPC	884982208643

**Physical**

Breakaway	No
Circuits (Loaded)	60
Circuits (maximum)	60
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Compliant	No
Mated Height	0.70mm, 1.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	25.172/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

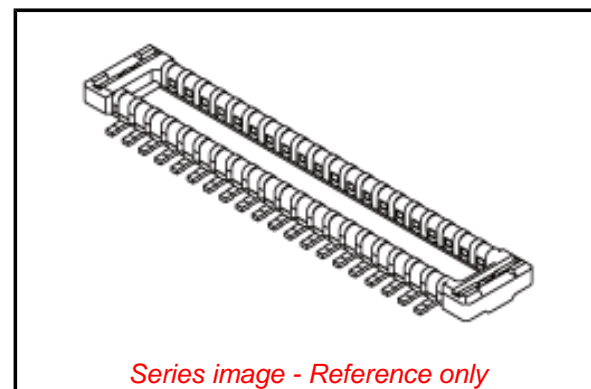
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-503304-001
Packaging Specification	SPK-503308-001
Product Specification	PS-503304-001, RPS-503304-003, RPS-503304-004
Sales Drawing	SD-503308-001, SD-503308-002



*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](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[503308](#) Series

**Mates With**

SlimStack™ Board-to-Board Receptacle  
503304 , 503489

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