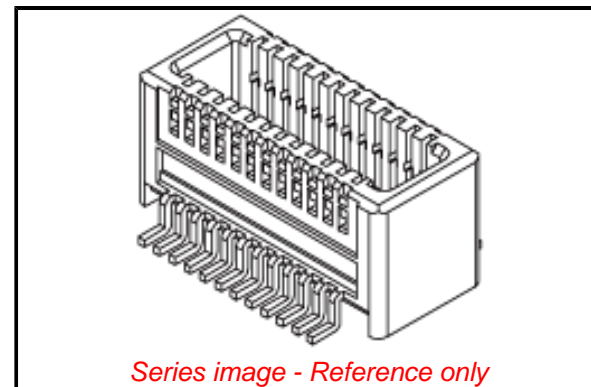


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**Part Number:** [5010170508](#)  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board/Board-to-FPC Connectors  
**Description:** SlimStack Board-to-Board Plug, 0.40mm Pitch, Surface Mount, Dual Row, Vertical, 4.00mm Stacking Height, 50 Circuits

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification SPK-501017-001-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-54684-008-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	501017
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board/Board-to-FPC Connectors</a>
Product Name	SlimStack
Series Name	0.4, BB H4
Taxonomy	Board-to-Board Connectors
UPC	822350842037

**Physical**

Breakaway	No
Circuits (Loaded)	50
Circuits (maximum)	50
Color - Resin	Brown
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	None
Mated Height	4.00mm
Mated Width	5.10mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	148.000/mg
Number of Rows	2
Orientation	Vertical
PCB Locator	No
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-25° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.3A
Voltage - Maximum	30V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501017-001-001
Product Specification	PS-54684-008-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

**Halogen-Free**

**Status**

**Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

**China RoHS**

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501017 Series](#)

**Mates With**

SlimStack Receptacle [54684](#)

Sales Drawing

SD-501017-001-001, SD-501017-001-002,  
SD-501017-002-001, SD-501017-002-002,  
SD-501017-002-003, SD-501017-002-004,  
SD-501017-006-001, SD-501017-006-002

This document was generated on 09/05/2022

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