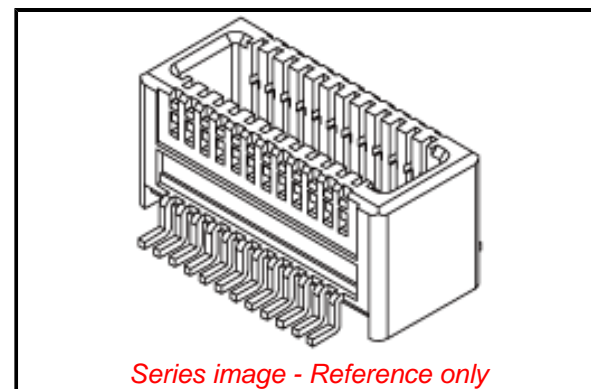


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Documents:

3D Model	Product Specification PS-54684-008-001 (PDF)
Drawing (PDF)	Packaging Specification SPK-501017-001-001 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)



General

Product Family	PCB Headers
Series	501017
Application	Board-to-Board, Signal
Overview	SlimStack Board-to-Board Connectors
Product Name	SlimStack
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
Sales Drawing	SD-501017-001, SD-501017-002, SD-501017-006

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

This document was generated on 07/14/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION