

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5009130902](#)
Status: **Active**
Overview: SlimStack Board-to-Board Connectors
Description: SlimStack Board-to-Board Connector, 0.40mm Pitch, J-Bend Series, Receptacle, 1.80 or 2.30mm Mated Height, 4.20mm Mated Width, 90 Circuits

Documents:

3D Model	Datasheet (PDF)
Drawing (PDF)	Product Guide (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification PS-500913-001 (PDF)	Reference Guide (PDF)
Packaging Specification SPK-500913-001-001 (PDF)	

General

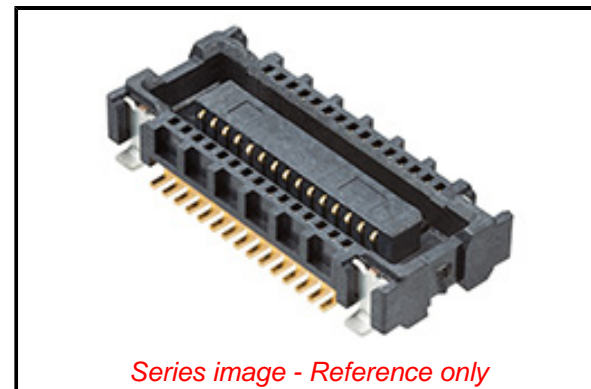
Product Family	PCB Receptacles
Series	500913
Application	Board-to-Board, Signal
Datasheet Order No	987651-8558, 987651-8801_ZH, 987651-8803_DE, 987651-8804_JA, 987651-8805_KO, 987651-8806_ES
Overview	SlimStack Board-to-Board Connectors
Product Guide Order No	987651-8281
Product Literature Order No	987652-0196, Reference Guide#
Product Name	SlimStack
Series Name	J-Bend
UPC	822350874496

Physical

Circuits (Loaded)	90
Circuits (maximum)	90
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	1.80mm, 2.30mm
Mated Width	4.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
Net Weight	186.641/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
Plating min - Mating	0.254µm
Plating min - Termination	0.051µm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Surface Mount

Electrical

Current - Maximum per Contact	0.3A
-------------------------------	------



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per - ED/71/2019 (16 July 2019)

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

[500913 Series](#)

Mates With

[SlimStack J-Bend Plug 55909](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-500913-001-001

Product Specification

PS-500913-001

Sales Drawing

SD-500913-001, SD-500913-002

This document was generated on 11/08/2019

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION