

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0513389974](#)
Status: **Active**
Overview: SlimStack Board-to-Board/Board-to-FPC Connectors
Description: SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 2.00mm Mated Height, 3.40mm Mated Width, 12 Circuits

Documents:

Drawing (PDF)	Packaging Specification SPK-51338-001-001 (PDF)
2D Drawing (DXF)	Datasheet (PDF)
2D Drawing DXF (PDF)	Product Guide (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
3D Model	Reference Guide (PDF)
Product Specification PS-51338-002-001 (PDF)	

General

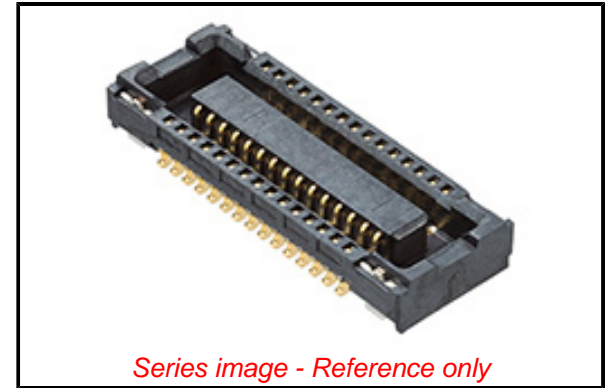
Product Family	PCB Receptacles
Series	51338
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin (Sn) over Nickel
Component Type	PCB Receptacle
Overview	SlimStack Board-to-Board/Board-to-FPC Connectors
Product Name	SlimStack
Series Name	0.4, J-Bend
Taxonomy	Board-to-Board Connectors
UPC	822348674220

Physical

Circuits (Loaded)	12
Circuits (maximum)	12
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Lock to Mating Part	Yes
Mated Height	1.50mm, 2.00mm
Mated Width	3.40mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Net Weight	33.729/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	0.200µm
Polarized to Mating Part	No
Polarized to PCB	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

Electrical

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



Series image - Reference only

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

[51338 Series](#)

Mates With

[SlimStack J-Bend Plug 55909](#) , [501745](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

SPK-51338-001-001

Product Specification

PS-51338-002-001

Sales Drawing

SD-51338-003-001, SD-51338-004-001

This document was generated on 01/25/2023

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION