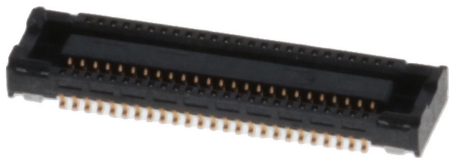




**Part Number :** [513380574](#)  
**Product Description :** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, J-Bend Series, 0.20µm Gold (Au) Plating, 1.50 or 2.00mm Mated Height, 3.40mm Mated Width, 50 Circuits  
**Series Number :** 51338  
**Status :** Active  
**Product Category :** Board-to-Board Connectors



## Documents & Resources


**Drawings**  
[513380574\\_sd.pdf](#)

**3D Models and Design Files**  
[513380574.dxf](#)  
[513380574.pdf](#)  
[513380574\\_stp.zip](#)

**Specifications**  
[SPK-51338-001-001.pdf](#)  
[PS-51338-002-001.pdf](#)

## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 34; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements  
- Eu RoHS  
- REACH SVHC

- Low-Halogen

## Multiple Part Industry Compliance Documents

- IPC 1752A Class C

- IPC 1752A Class D

- Molex Product Compliance Declaration

- IEC-62474

- chemSHERPA (xml)

## EU RoHS Certificate of Compliance

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### Part Details

#### General

Status	Active
Category	Board-to-Board Connectors
Series	51338
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, 50 Circuits
Series Name	0.4, J-Bend
Application	Board-to-Board, Signal
Comments	Solder Tab Plating: Tin (Sn) over Nickel
Component Type	PCB Receptacle
Product Name	SlimStack
UPC	822348296804

#### Electrical

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

#### Physical

Circuits (Loaded)	50
Circuits (maximum)	50
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	86.951/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	None
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Plating min - Mating	0.200µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
0.40mm Pitch SlimStack Board-to-Board Plugs	<u>501745</u>
0.40mm Pitch Vertical SlimStack Plugs	<u>55909</u>