

**Part Number :** [5015914011](#)

**Product Description :** SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 40 Circuits

**Series Number :** 501591

**Status :** Obsolete

**Product Category :** Board-to-Board Connectors

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## Documents and Resources

### Specifications


[PS-501591-002-001.pdf](#)

[PS-501591-003-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2025)7771-DC (04 Feb 2026)
EU RoHS	Compliant per EU 2015/863

### Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

### Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

## Substances of Interest

- PFAS

## EU RoHS Certificate of Compliance

## Additional Product Compliance Information

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### Part Details

#### General

Status	Obsolete
Category	Board-to-Board Connectors
Series	501591
Description	SlimStack Board-to-Board Receptacle, 0.40mm Pitch, Surface Mount, Dual Row, Vertical Stacking, 0.90mm Stacking Height, with Solder Tabs, 40 Circuits
Application	Board-to-Board
Component Type	Receptacle
Product Name	SlimStack
UPC	822350792318

#### Agency

UL	E29179
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#### Electrical

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

#### Physical

Circuits (Loaded)	40
Circuits (maximum)	40
Color - Resin	Black
Durability (mating cycles max)	20
Flammability	94V-0
Glow-Wire Capable	No
Lock to Mating Part	Yes

Mated Height	0.90mm
Mated Width	3.40mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Net Weight	43.521/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.40mm
Pitch - Termination Interface	0.40mm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-25° to +85°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 Vertical Stacking Plugs	<u>501594</u>

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This document was generated on May 20, 2026