



**Part Number :** [524180810](#)

**Product Description :** 2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 8 Circuits

**Series Number :** 52418

**Status :** Not Recommended For New Design

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



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## Documents and Resources

### Drawings

[524180810 sd.pdf](#)

### Specifications


[524189200-SPK-200.pdf](#)

[PS-52418-003-001.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Compliant with Exemption 44; 47; 34
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not 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

## Part Details

### General

Status	Not Recommended For New Design
Category	Board-to-Board Connectors
Series	52418
Description	2.00mm Pitch SlimStack Board-to-Board Receptacle, Right-Angle, Single Row, Friction Lock, 8 Circuits
Application	Board-to-Board, Signal
Component Type	Receptacle
Product Name	SlimStack
UPC	800753756021

### Agency

UL	E29179
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### Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	125V

### Physical

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30

Glow-Wire Capable	No
Mated Height	3.95mm
Mated Width	6.00mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	377.300/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Tray
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.00mm
Plating min - Mating	0.914µm
Plating min - Termination	0.914µm
Polarized to PCB	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole - Kinked Pin

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
2.00mm Pitch Vertical SlimStack Plugs	<u>53290</u>

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