



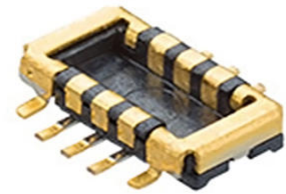
**Part Number :** [5052743442](#)

**Product Description :** SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.80 or 0.90mm Mated Height, 2.00mm Mated Width, 34 Circuits, Armor Nail, 0.25mm Fitting Nail Width

**Series Number :** 505274

**Status :** Active

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



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## Documents and Resources

### Drawings

[5052743442 sd.pdf](#)

### 3D Models and Design Files

[STEP AP242](#)

[SOLIDWORKS](#)

[Creo](#)

[5052743442.dxf](#)

### Specifications

[5052700000-A01.pdf](#)


[5052749200SPK-200.pdf](#)

[5052700003-PS-000.pdf](#)

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## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
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	Active
Category	Board-to-Board Connectors
Series	0.35, SSB RP
Description	SlimStack Board-to-Board Plug, 0.35mm Pitch, SSB RP Series, 0.80 or 0.90mm Mated Height, 2.00mm Mated Width, 34 Circuits, Armor Nail, 0.25mm Fitting Nail Width
Application	Board-to-Board
Component Type	Plug
Product Name	SlimStack
UPC	191128462204

### Electrical

Current - Maximum per Contact	0.3A, 3.0A
Voltage - Maximum	50V AC (RMS)/DC

### Physical

Breakaway	No
Circuits (Loaded)	34

Circuits (maximum)	34
Color - Resin	Black
Durability (mating cycles max)	30
Glow-Wire Capable	No
Mated Height	0.80mm, 0.90mm
Mated Width	2.00mm
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Liquid Crystal Polymer
Net Weight	11.660/mg
Number of Rows	2
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	0.35mm
Pitch - Termination Interface	0.35mm
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
Polarized to Mating Part	No
Polarized to PCB	No
Temperature Range - Operating	-40° to +85°C
Termination Interface Style	Surface Mount

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## Mates With / Use With

### Mates with Part(s)

Description	Part Number
SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP Series, 0.70 or 0.80mm Mated Height, 2.00mm Mated Width, 34 Circuits, Armor Nail	<a href="#">5052703412</a>
SlimStack Board-to-Board Receptacle, 0.35mm Pitch, SSB RP	<a href="#">5054133410</a>

Series, 0.90 or 1.00mm Mated Height, 2.00mm Mated Width, 34 Circuits	
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