

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [0533643070](#)  
**Status:** **Active**  
**Overview:** [SlimStack Board-to-Board Connectors](#)  
**Description:** SlimStack Board-to-Board Connector. 0.80mm Pitch, Floating Series, Plug, 6.00 or 7.00mm Mated Height, 30 Circuits, Vertical, with Boss

**Documents:**

<a href="#">3D Model</a>	<a href="#">Packaging Specification 533649200-200 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Datasheet (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Product Guide (PDF)</a>
<a href="#">Product Specification PS-52465-010-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Product Specification PS-52588-032-001 (PDF)</a>	<a href="#">Reference Guide (PDF)</a>

**General**

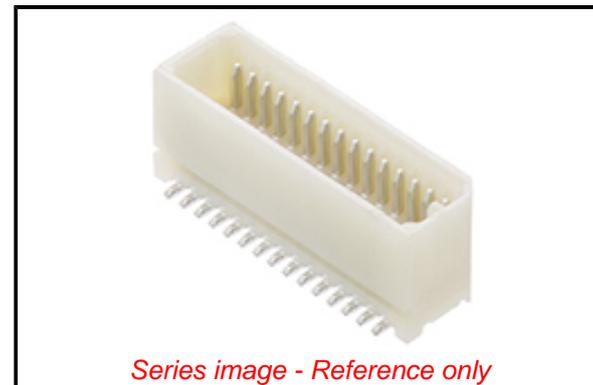
Product Family	PCB Headers
Series	<a href="#">53364</a>
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
Series Name	0.80 Floating
UPC	822348295371

**Physical**

Breakaway	No
Circuits (Loaded)	30
Circuits (maximum)	30
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	6.00mm, 7.00mm
Mated Width	5.10mm, 7.20mm
Material - Metal	Phosphor Bronze
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Net Weight	623.000/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	0.50mm
PCB Locator	Yes
PCB Retention	None
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	0.80mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	0.5A
-------------------------------	------



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Not 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**

[53364](#) Series

**Mates With**

[52465](#) PCB Receptacle, [52588](#) PCB Receptacle Floating Type

Voltage - Maximum

50V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

533649200-200

Product Specification

PS-52465-010-001, PS-52588-032-001

Sales Drawing

SD-53364-001, SD-53364-002

This document was generated on 02/23/2020

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**