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**Part Number:** **0532900580**  
**Status:** **Active**  
**Overview:** SlimStack Board-to-Board Connectors  
**Description:** 2.00mm Pitch SlimStack Board-to-Board Header, Vertical, Single Row, 0.50mm Square Pin, with Friction Lock, 5 Circuits, with Kinked PC Tails

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-52418-003-001 (PDF)</a>
<a href="#">3D Model (PDF)</a>	<a href="#">Packaging Specification 532909200-201 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>

**General**

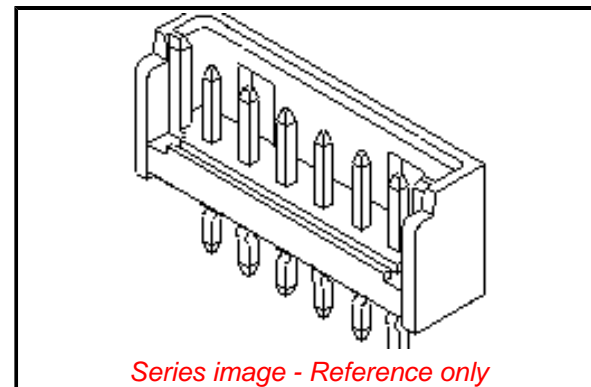
Product Family	PCB Headers
Series	53290
Application	Board-to-Board, Signal
Overview	<a href="#">SlimStack Board-to-Board Connectors</a>
Product Name	SlimStack
UPC	822348477258

**Physical**

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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	3.95mm
Mated Width	6.00mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	264.800/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
D(2020)4578-DC (25  
June 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**

[53290 Series](#)

**Mates With**

[52418 PCB Receptacle](#)

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification

532909200-201

Product Specification

PS-52418-003-001

Sales Drawing

SD-53290-004

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