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**Part Number:** [0532900680](#)

**Status:** **Active**

**Description:** 2.00mm Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm Square Pin, with Friction Lock, 6 Circuits, with Kinked PC Tails

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-52418-003-001 \(PDF\)](#)

[Packaging Specification 532909200-201 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">53290</a>
Application	Board-to-Board, Signal
Product Name	SlimStack
UPC	822348477265

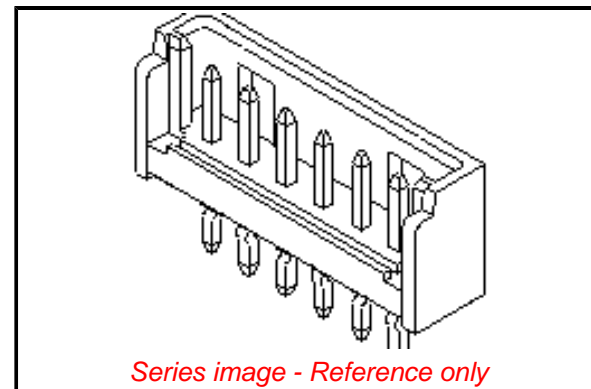
**Physical**

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	307.200/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

**Material Info**



**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/61/2018 (27 June  
2018)

**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](#)

**Reference - Drawing Numbers**

Packaging Specification

Product Specification

Sales Drawing

532909200-201

PS-52418-003-001

SD-53290-004

This document was generated on 10/19/2018

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