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Part Number: [0532900680](#)
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, 6 Circuits, with Kinked PC Tails

Documents:

| | |
|--------------------------------|--|
| 3D Model | Product Specification PS-52418-003-001 (PDF) |
| Drawing (PDF) | Packaging Specification 532909200-201 (PDF) |
| 3D Model (PDF) | RoHS Certificate of Compliance (PDF) |

General

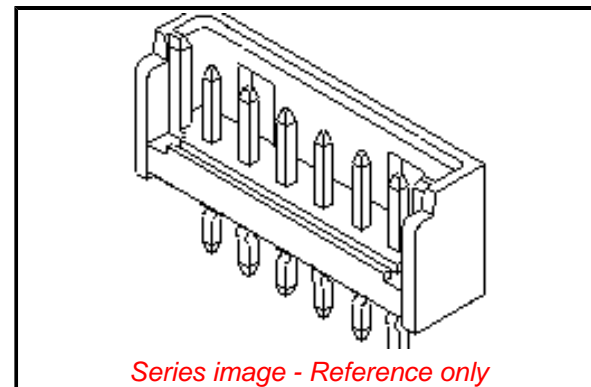
| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 53290 |
| Application | Board-to-Board, Signal |
| Overview | SlimStack Board-to-Board Connectors |
| Product Name | SlimStack |
| UPC | 822348477265 |

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 |



Series image - Reference only

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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