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Part Number: **0532902080**
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, 20 Circuits, with Kinked PC Tails

Documents:

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

General

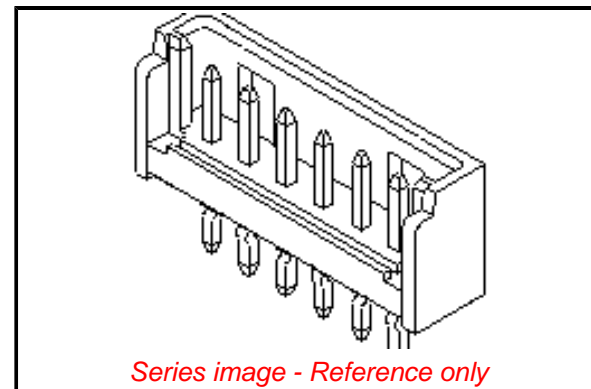
Product Family PCB Headers
Series [53290](#)
Application Board-to-Board, Signal
Overview [SlimStack Board-to-Board Connectors](#)
Product Name SlimStack
UPC 822348478620

Physical

Breakaway No
Circuits (Loaded) 20
Circuits (maximum) 20
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 901.300/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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