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**Part Number:** [53290-1080](#)

**Status:** **Active**

**Description:** 2.00mm Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm Square Pin, with Friction Lock, Lead-Free, 10 Circuits, with Kinked PC Tails

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

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

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

**General**

Product Family	PCB Headers
Series	<a href="#">53290</a>
Application	Board-to-Board, Signal
Product Name	N/A
UPC	822348477722

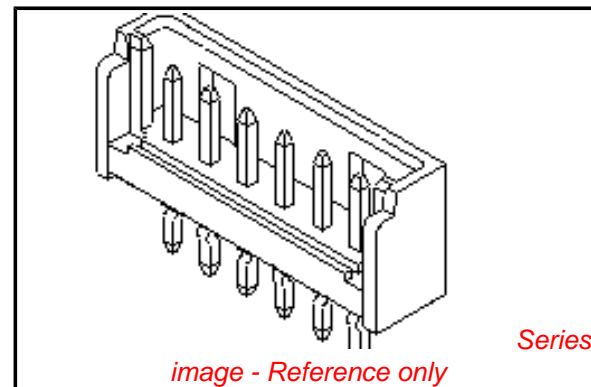
**Physical**

Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
Color - Resin	Natural
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Keying to Mating Part	None
Lock to Mating Part	Yes
Mated Height	6.00mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	477.000/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
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

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

**Material Info**



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
Not Low-Halogen**

**China RoHS**



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For a multiple part number RoHS Certificate of  
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Please visit the [Contact Us](#) section for any  
non-product compliance questions.

**Search Parts in this Series**

[53290Series](#)

**Mates With**

[52418 PCB Receptacle](#)

**Reference - Drawing Numbers**

Product Specification  
Sales Drawing

PS-52418-003, RPS-52418-004  
SD-53290-004

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