

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [53290-1780](#)

Status: **Active**

Description: 2.00mm Pitch Board-to-Board Header, Vertical, Single Row, 0.50mm Square Pin, with Friction Lock, Lead-Free, 17 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	53290
Application	Board-to-Board, Signal
Product Name	N/A
UPC	822348477791

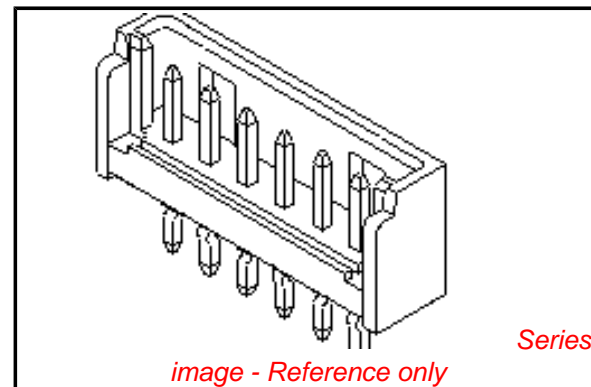
Physical

Breakaway	No
Circuits (Loaded)	17
Circuits (maximum)	17
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	774.000/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



Need more information on product environmental compliance?

Email productcompliance@molex.com
For a multiple part number RoHS Certificate of Compliance, [click here](#)

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

This document was generated on 10/13/2014

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION