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**Part Number:** [5018441810](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 18 Circuits, with PCB Locator

**General**

Product Family	PCB Headers
Series	<a href="#">501844</a>
Application	Signal, Wire-to-Board
Overview	microclasp
Product Name	MicroClasp
UPC	822350107969

**Physical**

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	1447.120/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-25° to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	5018449200-200
Product Specification	PS-501844-001-001
Sales Drawing	SD-501844-001

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ECHA\_01\_2020 (16  
January 2020

**Halogen-Free**

**Status**

**Not Low-Halogen**

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

Green Image

Not Relevant

Not Contained

**Search Parts in this Series**

[501844](#) Series

**Mates With**

[51353](#) MicroClasp Wire-to-Board Receptacle Housing

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