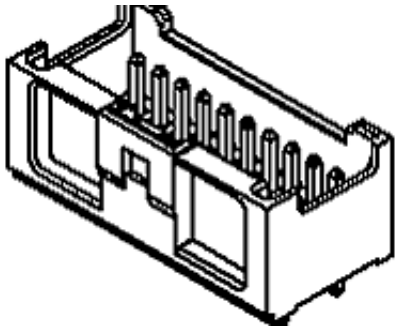





**Part Number :** [5018441810](#)  
**Product Description :** 2.00mm Pitch  
MicroClasp Wire-to-Board Header, Dual Row,  
Vertical, 18 Circuits, with PCB Locator  
**Series Number :** 501844  
**Status :** Not Recommended For New Design  
**Product Category :** PCB Headers and  
Receptacles



## Documents & Resources

## Product Environment Compliance

### Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

### Multiple Part Product Compliance Statements

- Eu RoHS
- REACH SVHC
- Low-Halogen

### Multiple Part Industry Compliance Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

### EU RoHS Certificate of Compliance

## Part Details

### General

Status	Not Recommended For New Design
Category	PCB Headers and Receptacles
Series	501844
Description	2.00mm Pitch MicroClasp Wire-to-Board Header, Dual Row, Vertical, 18 Circuits, with PCB Locator
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	MicroClasp
UPC	822350107969

## Electrical

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

## 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
Packaging Type	Tray
PC Tail Length	3.20mm
PCB Locator	Yes
PCB Retention	None
PCB Thickness - Recommended	1.60mm

Pitch - Mating Interface	2.00mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-25° to +85°C
Termination Interface Style	Through Hole

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