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**Part Number:** [501844-2210](#)  
**Status:** **Active**  
**Overview:** [MicroClasp™](#)  
**Description:** 2.00mm Pitch MicroClasp™ Wire-to-Board Header, Dual Row, Vertical, 22 Circuits, with PCB Locator

**Documents:**

[3D Model](#) [Packaging Specification SPK-501844-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-501844-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">501844</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">MicroClasp™</a>
Product Name	MicroClasp™
UPC	822350107983

**Physical**

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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
Material - Plating Mating	Tin
Material - Resin	Polyester
Net Weight	1689.880/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°C to +85°C
Termination Interface: Style	Through Hole

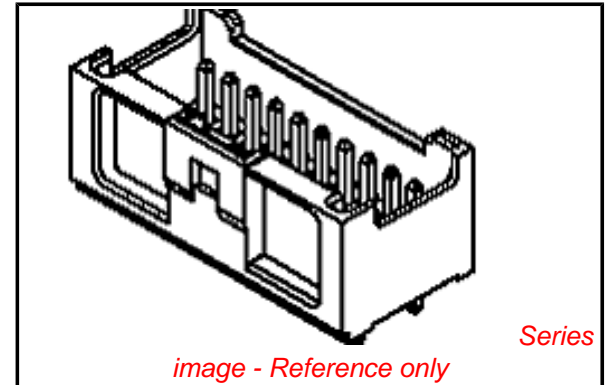
**Electrical**

Current - Maximum per Contact	3A
Voltage - Maximum	250V

**Material Info**

**Reference - Drawing Numbers**

Packaging Specification	SPK-501844-001
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**EU RoHS**

**ELV and RoHS Compliant**

**REACH SVHC**

Not Reviewed

**Low-Halogen Status**

**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto: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**

[501844Series](#)

**Mates With**

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

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