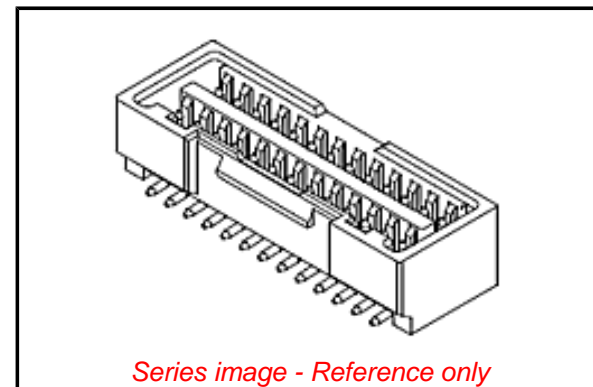


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**Part Number:** [5041873870](#)  
**Status:** **Active**  
**Overview:** Micro-Lock™ Connectors  
**Description:** Micro-Lock™ 1.25mm Pitch Dual-Row Vertical Header, Beige, 38 Circuits, 5041873870

**Documents:**

<a href="#">3D Model</a>	<a href="#">Application Specification AS-504186-002 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">Packaging Specification SPK-504187-001 (PDF)</a>
<a href="#">Product Specification PS-504186-001 (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>
<a href="#">Application Specification AS-504186-001 (PDF)</a>	



**General**

Product Family	PCB Headers
Series	504187
Application	Wire-to-Board
Overview	<u>Micro-Lock™ Connectors</u>
Product Name	Micro-Lock™
UPC	887191213439

**Physical**

Breakaway	No
Circuits (Loaded)	38
Circuits (maximum)	38
Color - Resin	Beige
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Guide to Mating Part	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Nickel
Net Weight	879.683/mg
Number of Rows	2
Orientation	Vertical
PC Tail Length	3.00mm
PCB Locator	No
PCB Retention	None
PCB Thickness - Recommended	1.20mm, 1.60mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Temperature Range - Operating	-25°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V

**Material Info**

**Reference - Drawing Numbers**

Application Specification	AS-504186-001, AS-504186-002
Packaging Specification	SPK-504187-001
Product Specification	PS-504186-001, RPS-504186-001, RPS-504186-002, RPS-504186-004, RPS-504186-006
Sales Drawing	SD-504187-001, SD-504187-002

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**China RoHS**

**REACH SVHC**

Contains SVHC(2015  
June 15): No

**Halogen-Free**

**Status**

**Not Low-Halogen**

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

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS

ELV

Green Image

Not Relevant

**Search Parts in this Series**

[504187 Series](#)

**Mates With**

[504186 Micro-Lock™ Wire-to-Board Crimp  
Housing](#)

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