

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [504187-2270](#)  
**Status:** **Active**  
**Overview:** [Micro-Lock™ Connectors](#)  
**Description:** [Micro-Lock™ 1.25mm Pitch Dual-Row Vertical Header, Beige, 22 Circuits](#)

**Documents:**

[Drawing \(PDF\)](#) [Packaging Specification SPK-504187-001 \(PDF\)](#)  
[Product Specification PS-504186-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Application Specification AS-504186-001 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">504187</a>
Application	Wire-to-Board
Overview	<a href="#">Micro-Lock™ Connectors</a>
Product Name	Micro-Lock™
UPC	887191213859

**Physical**

Breakaway	No
Circuits (Loaded)	22
Circuits (maximum)	22
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	551.209/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

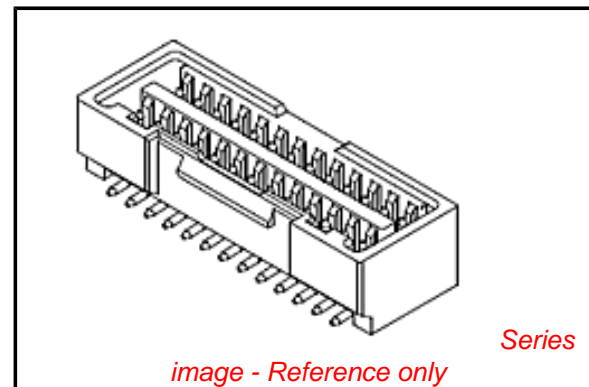
**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

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



**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](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**

[504187Series](#)

**Mates With**

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

This document was generated on 02/18/2014

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**