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Part Number: [504189-1870](#)
Status: **Active**
Overview: Micro-Lock™ Connectors
Description: Micro-Lock™ 1.25mm Pitch Dual-Row Right-Angle Header, Beige, 18 Circuits

Documents:

[3D Model](#) [Application Specification AS-504186-002 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification SPK-504189-001 \(PDF\)](#)
[Product Specification PS-504186-001 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Application Specification AS-504186-001 \(PDF\)](#)

General

Product Family	PCB Headers
Series	504189
Application	Wire-to-Board
Overview	<u>Micro-Lock™ Connectors</u>
Product Name	Micro-Lock™
UPC	887191185613

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
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	896.071/mg
Number of Rows	2
Orientation	Right Angle
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

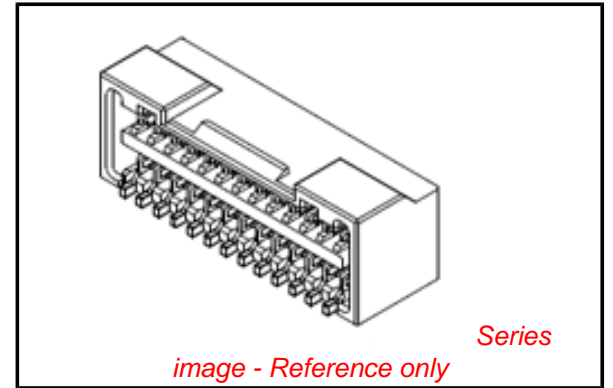
Electrical

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-504189-001
Product Specification	PS-504186-001, RPS-504186-002, RPS-504186-004
Sales Drawing	SD-504189-001, SD-504189-002



EU RoHS

**ELV and RoHS
Compliant**
**REACH SVHC
Contains SVHC: No
Low-Halogen Status
Not Low-Halogen**

China RoHS



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Email 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

[504189Series](#)

Mates With

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

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