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Part Number: [5054481871](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 18 Circuits, Tape and Reel, Black

Documents:

2D Drawing DXF (PDF)	Product Specification 5054321000-PS-002 (PDF)
Drawing (PDF)	Product Specification 5054321000-PS-006 (PDF)
3D Model	Application Specification AS-505432-001-001 (PDF)
2D Drawing (DXF)	Packaging Specification 5054489200-200 (PDF)
3D Model (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5054320000-002 (PDF)	Product Literature (PDF)
Product Specification 5054320000-005 (PDF)	

Agency Certification

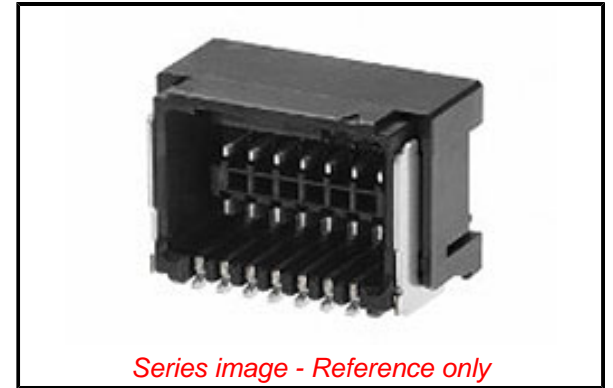
UL E29179

General

Product Family	PCB Headers
Series	505448
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	889056386791

Physical

Breakaway	No
Circuits (Loaded)	18
Circuits (maximum)	18
Color - Resin	Black
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 - Metal	Brass
Material - Plating Mating	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	1700.551/mg
Number of Rows	2
Orientation	Right Angle
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Plating min - Mating	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Surface Mount



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[505448 Series](#)

Mates With

[Micro-Lock Plus Receptacle Housing](#)
[505432](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.5A
50V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Application Specification
Packaging Specification
Product Specification

AS-505432-001-001
5054489200-200
5054320000-002, 5054320000-005, 5054321000-
PS-002, 5054321000-PS-006
5054480000-000

Sales Drawing

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