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Part Number: [5054482071](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: Micro-Lock PLUS Right-Angle Header, 1.25mm Pitch, Dual Row, Tin-Bismuth Plating, 20 Circuits, Black

Documents:

3D Model	Application Specification AS-505432-002-001 (PDF)
Drawing (PDF)	Packaging Specification 5054489200-200 (PDF)
Product Specification 5054320000-002 (PDF)	RoHS Certificate of Compliance (PDF)
Application Specification AS-505432-001-001 (PDF)	Product Literature (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 Literature Order No	987651-4888
Product Name	Micro-Lock PLUS
UPC	889056386807

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Guide to Mating Part	Yes
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	1833.751/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

Electrical

Current - Maximum per Contact 1.5A



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
-ED/88/2018 (15
January 2019)

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](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-505432-001-001, AS-505432-002-001

Packaging Specification

5054489200-200

Product Specification

5054320000-002

Sales Drawing

5054480000-000, 5054480001-000

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