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Part Number: [5054331281](#)

Status: **Active**

Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)

Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 12 Circuits, Tape and Reel, Black

Documents:

[3D Model \(PDF\)](#)

[Drawing \(PDF\)](#)

[3D Model](#)

[Product Specification 5054320000-002 \(PDF\)](#)

[Product Specification 5054320000-005 \(PDF\)](#)

[Application Specification AS-505432-001-001 \(PDF\)](#)

[Packaging Specification 5054339200-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

Agency Certification

UL E29179

General

Product Family PCB Headers
Series [505433](#)
Application Signal, Wire-to-Board
Overview [Micro-Lock Plus Wire-to-Board Connector System](#)
Product Name Micro-Lock Plus
UPC 889056765282

Physical

Breakaway No
Circuits (Loaded) 12
Circuits (maximum) 12
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 753.910/mg
Number of Rows 2
Orientation Vertical
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 -
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

[505433 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

Packaging Specification

5054339200-200

Product Specification

5054320000-002, 5054320000-005

Sales Drawing

5054330000-000

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