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Part Number: [5055680571](#)

Status: **Active**

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

Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 5 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:

[Drawing \(PDF\)](#)

[3D Model](#)

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

[Product Specification 5055650000-000 \(PDF\)](#)

[Product Specification 5055651000-PS-000 \(PDF\)](#)

[Product Specification 5055651002-PS-000 \(PDF\)](#)

[Application Specification AS-505565-001-001 \(PDF\)](#)

[Packaging Specification 5055689200-200 \(PDF\)](#)

[Datasheet \(PDF\)](#)

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

Agency Certification

UL E29179

General

Product Family

PCB Headers

Series

505568

Application

Signal, Wire-to-Board

Overview

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

Product Name

Micro-Lock Plus

UPC

889056556491

Physical

Breakaway

No

Circuits (Loaded)

5

Circuits (maximum)

5

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

180.939/mg

Number of Rows

1

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

Robotic Placement

Vacuum Pick-Up Tape

Stackable

No

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)9139-DC (19
Jan 2021)

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

[505568](#) Series

Mates With

Micro-Lock Plus Receptacle Housing
[505565](#) . Micro-Lock Plus Cable Assembly
[45111](#)

Voltage - Maximum

50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

AS-505565-001-001

Packaging Specification

5055689200-200

Product Specification

5055650000-000, 5055651000-PS-000, 5055651002-PS-000

Sales Drawing

5055680000-SD-000

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