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Part Number: [5055680871](#)

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, 8 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:

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

[Drawing \(PDF\)](#)

[3D Model](#)

[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 889056556507

Physical

Breakaway No
Circuits (Loaded) 8
Circuits (maximum) 8
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 252.975/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(2021)4569-DC (8
July 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](#)

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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