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Part Number: [5055680571](#)
Status: **Active**
Overview: Micro-Lock Plus 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)	Application Specification 5055650000-AS-000 (PDF)
3D Model	Application Specification AS-505565-001-001 (PDF)
3D Model (PDF)	Packaging Specification 5055689200-200 (PDF)
Product Specification 2145260000-PS-000 (PDF)	Datasheet (PDF)
Product Specification 5055650000-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5055651000-PS-000 (PDF)	

Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	505568
Application	Signal, Wire-to-Board
Component Type	PCB Header
Overview	Micro-Lock Plus Connector System
Product Name	Micro-Lock Plus
Taxonomy	PCB Headers and Receptacles
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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2022)4187-DC (10
June 2022)

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](#)

Electrical

Current - Maximum per Contact
Voltage - Maximum

1.5A
50V AC (RMS)/DC

Material Info**Reference - Drawing Numbers**

Application Specification
Packaging Specification
Product Specification

5055650000-AS-000, AS-505565-001-001
5055689200-200
2145260000-PS-000, 5055650000-000, 5055651000-
PS-000
5055680000-SD-000

Sales Drawing

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