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Part Number: [5055751281](#)
Status: **Active**
Overview: Micro-Lock Plus Connector System
Description: 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, Matte Tin Plating, Positive Lock, with Pick-and-Place Polyimide Tape, 12 Circuits, Low-Halogen, Black

Documents:

3D Model	Application Specification 5055700001-A03 (PDF)
Drawing (PDF)	Packaging Specification 5055759200-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 5055700001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 5055701001-PS-000 (PDF)	

General

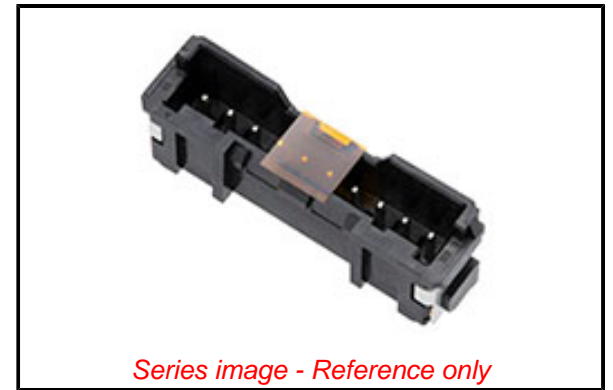
Product Family	PCB Headers
Series	505575
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Connector System
Product Name	Micro-Lock Plus
Taxonomy	PCB Headers and Receptacles
UPC	889056574907

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	Matte Tin
Material - Plating Termination	Matte Tin
Material - Resin	Polyamide
Net Weight	1212.040/mg
Number of Rows	1
Orientation	Vertical
PCB Locator	No
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	1.000µm
Plating min - Termination	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	3.0A
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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

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

[505575 Series](#)

Mates With

[Micro-Lock Plus Receptacle Housing
505570](#)

Voltage - Maximum

250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification

5055700001-A03

Packaging Specification

5055759200-200

Product Specification

5055700001-PS-000, 5055701001-PS-000

Sales Drawing

5055750001-000

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