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Part Number: [5055680481](#)
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, 0.10µm Gold Plating, Positive Lock, 4 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:	
Drawing (PDF)	Application Specification 5055650000-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-505565-001-001 (PDF)
3D Model	Packaging Specification 5055689200-200 (PDF)
Product Specification 5055650002-000 (PDF)	Datasheet (PDF)
Product Specification 5055651002-PS-000 (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	889056857512
Physical	
Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
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	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	160.000/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	0.100µm
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



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 China ROHS ELV RoHS Phthalates
	Green Image Not Relevant Not Contained

Search Parts in this Series
[505568](#) Series

Mates With
[Micro-Lock Plus Receptacle Housing](#)
[505565](#)

Current - Maximum per Contact
Voltage - Maximum

1.5A
50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification
Packaging Specification
Product Specification
Sales Drawing

5055650000-AS-000, AS-505565-001-001
5055689200-200
5055650002-000, 5055651002-PS-000
5055680010-SD-000

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