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Part Number: [2059571071](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 10 Circuits, with Pick-and-Place Polyimide Tape, Black

Documents:
[3D Model](#) [Application Specification AS-505565-001-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [Packaging Specification 2059579200-SPK-200 \(PDF\)](#)
[3D Model \(PDF\)](#) [Datasheet \(PDF\)](#)
[Product Specification 2045320001-PS-000 \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 2045321001-PS-000 \(PDF\)](#)

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	205957
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	191130032310
Physical	
Breakaway	No
Circuits (Loaded)	10
Circuits (maximum)	10
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	390.700/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
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C



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 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
[205957](#) Series

Mates With
[Micro-Lock Plus Receptacle Housing](#)
[204532](#)

Termination Interface: Style	Surface Mount
Electrical	
Current - Maximum per Contact	3.6A
Voltage - Maximum	50V AC (RMS)/DC
Material Info	
Reference - Drawing Numbers	
Application Specification	AS-505565-001-001
Packaging Specification	2059579200-SPK-200
Product Specification	2045320001-PS-000, 2045321001-PS-000
Sales Drawing	2059573000-SD-000

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