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Part Number:

2059570471

Status:

Active

Overview:

Micro-Lock Plus Connector System

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Single Row, Vertical, Surface Mount, Tin-Bismuth Plating, Positive Lock, 4 Circuits, with Pick-and-Place Polyimide Tape, Low-Halogen, Black



Documents:	
3D Model	Application Specification 5055650000-AS-000 (PDF)
Drawing (PDF)	Application Specification AS-505565-001-001 (PDF)
3D Model (PDF)	Packaging Specification 2059579200-SPK-200 (PDF)
Product Specification 2045320001-PS-000 (PDF)	Datasheet (PDF)
Product Specification 2045321001-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 2145260001-PS-000 (PDF)	

Agency Certification	
CSA	LR19980
UL	E29179
General	
Product Family	PCB Headers
Series	205957
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	191130032075
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	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	211.680/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

EU ELV	
Not Relevant	
EU RoHS	China 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	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

205957 Series

Mates With

Micro-Lock Plus Receptacle Housing

204532

Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-40° to +105°C
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	5055650000-AS-000, AS-505565-001-001
Packaging Specification	2059579200-SPK-200
Product Specification	2045320001-PS-000, 2045321001-PS-000, 2145260001-PS-000
Sales Drawing	2059573000-SD-000

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