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Part Number:

5054481291

Status:

Active

Overview:

Micro-Lock Plus Connector System

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 12 Circuits, Black

Documents:	
3D Model	Application Specification 5054320000-AS-000 (PDF)
3D Model (PDF)	Application Specification AS-505432-001-001 (PDF)
Drawing (PDF)	Packaging Specification 5054489200-200 (PDF)
Product Specification 5054320000-006 (PDF)	Datasheet (PDF)
Product Specification 5054321000-PS-006 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

UL	E29179
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General

Product Family	PCB Headers
Series	505448
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	193264148684

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	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	1246.750/mg
Number of Rows	2
Orientation	Right Angle
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	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Stackable	No
Surface Mount Compatible (SMC)	Yes
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

505448 Series

Mates With

Micro-Lock Plus Receptacle Housing
505432

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	50V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Application Specification	5054320000-AS-000, AS-505432-001-001
Packaging Specification	5054489200-200
Product Specification	5054320000-006, 5054321000-PS-006
Sales Drawing	5054480003-SD-000

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