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Part Number:

5054483691

Status:

Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 36 Circuits, Black

Documents:

- 3D Model

Application Specification AS-505432-001-001 (PDF)
- 3D Model (PDF)

Packaging Specification 5054489200-200 (PDF)
- Drawing (PDF)

Datasheet (PDF)
- Product Specification 5054320000-006 (PDF)

RoHS Certificate of Compliance (PDF)
- Product Specification 5054321000-PS-006 (PDF)

General

Product Family	PCB Headers
Series	505448
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	193264149049

Physical

Breakaway	No
Circuits (Loaded)	36
Circuits (maximum)	36
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	2784.900/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

Electrical

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

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not 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

505448 Series

Mates With

Micro-Lock Plus Receptacle Housing
505432

Reference - Drawing Numbers

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

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