

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5054481291](#)
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, 12 Circuits, Tape and Reel, 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	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 - 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

Electrical

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

Material Info

Reference - Drawing Numbers



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2020)4578-DC (25
June 2020)

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](#)

Application Specification
Packaging Specification
Product Specification
Sales Drawing

AS-505432-001-001
5054489200-200
5054320000-006, 5054321000-PS-006
5054480003-SD-000

This document was generated on 10/09/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION