This document was generated on 08/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 5054331291
Status: Active
Overview: Micro-Lock Plus Wire-to-Board Connector System
Description: 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Vertical, Surface Mount, 0.10µm Gold Plating, Positive Lock, 12 Circuits, with Pick-and-Place Polyimide Tape, Black



Series image - Reference only

Documents:

- 3D Model
- 3D Model (PDF)
- Drawing (PDF)
- Product Specification 5054320000-006 (PDF)
- Product Specification 5054321000-PS-006 (PDF)
- Application Specification AS-505432-001-001 (PDF)
- Packaging Specification 5054339200-200 (PDF)
- Datasheet (PDF)
- RoHS Certificate of Compliance (PDF)

General

Product Family	PCB Headers
Series	505433
Application	Signal, Wire-to-Board
Overview	Micro-Lock Plus Wire-to-Board Connector System
Product Name	Micro-Lock Plus
UPC	193264133079

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	753.910/mg
Number of Rows	2
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	0.102µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Stackable	No
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

EU ELV
Not Relevant

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

Search Parts in this Series
505433 Series

Mates With
Micro-Lock Plus Receptacle Housing
505432

Material Info

Reference - Drawing Numbers

Application Specification	AS-505432-001-001
Packaging Specification	5054339200-200
Product Specification	5054320000-006, 5054321000-PS-006
Sales Drawing	5054330003-SD-000

This document was generated on 08/03/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION