

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [505433071](#)

**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, Tin-Bismuth Plating, Positive Lock, 30 Circuits, Tape and Reel, Black

**Documents:**

[3D Model \(PDF\)](#)

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification 5054320000-002 \(PDF\)](#)

[Product Specification 5054320000-005 \(PDF\)](#)

[Application Specification AS-505432-001-001 \(PDF\)](#)

[Packaging Specification 5054339200-200 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

[Product Literature \(PDF\)](#)

**Agency Certification**

UL E29179

**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 889056421713

**Physical**

Breakaway No  
 Circuits (Loaded) 30  
 Circuits (maximum) 30  
 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 1598.046/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 1.000µm  
 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



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 ED/71/2019 (16 July  
 2019)

**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**

[505433 Series](#)

**Mates With**

[Micro-Lock Plus Receptacle Housing  
 505432](#)

Voltage - Maximum

50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

Application Specification

AS-505432-001-001

Packaging Specification

5054339200-200

Product Specification

5054320000-002, 5054320000-005

Sales Drawing

5054330000-000

This document was generated on 12/30/2019

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**