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Part Number: [5054481471](#)
Status: **Active**
Overview: [Micro-Lock Plus Wire-to-Board Connector System](#)
Description: [Micro-Lock™ PLUS Right Angle Header, 1.25mm Pitch, Dual Row, Tin-Bismuth Plating, 14 Circuits, Black](#)

Documents:

[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification 5054320000-002 \(PDF\)](#) [Product Literature \(PDF\)](#)
[Packaging Specification 5054489200-200 \(PDF\)](#)

Agency Certification

UL E29179

General

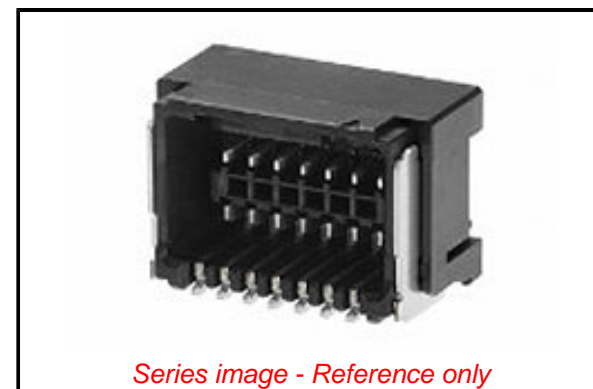
Product Family PCB Headers
 Series [505448](#)
 Application Signal, Wire-to-Board
 Overview [Micro-Lock Plus Wire-to-Board Connector System](#)
 Product Literature Order No 987651-4888
 Product Name Micro-Lock™ PLUS
 UPC 889056765091

Physical

Breakaway No
 Circuits (Loaded) 14
 Circuits (maximum) 14
 Color - Resin Black
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 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 1372.500/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 1.000µm
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Stackable No
 Surface Mount Compatible (SMC) Yes
 Temperature Range - Operating -40°C to +105°C
 Termination Interface: Style Surface Mount

Electrical

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per
 -ED/01/2017 (12
 January 2017)

Halogen-Free

Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
 Please visit the [Contact Us](#) section for any non-product compliance questions.

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](#)

Material Info

Reference - Drawing Numbers

Packaging Specification

5054489200-200

Product Specification

5054320000-002

Sales Drawing

5054480000-000, 5054480001-000

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