

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [5055781671](#)
Status: **Active**
Overview: Micro-Lock Plus Wire-to-Board Connector System
Description: 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, Matte Tin Plating, Positive Lock, 16 Circuits, Tape and Reel, Black

Documents:

| | |
|---|--|
| 3D Model | Application Specification 5055700001-A02 (PDF) |
| Drawing (PDF) | Application Specification 5055700001-A03 (PDF) |
| 3D Model (PDF) | Packaging Specification 5055789200-200 (PDF) |
| Product Specification 5055700001-PS-000 (PDF) | RoHS Certificate of Compliance (PDF) |
| Product Specification 5055701001-PS-000 (PDF) | |

General

| | |
|----------------|---|
| Product Family | PCB Headers |
| Series | 505578 |
| Application | Signal, Wire-to-Board |
| Overview | <u>Micro-Lock Plus Wire-to-Board Connector System</u> |
| Product Name | Micro-Lock Plus |
| UPC | 889056579841 |

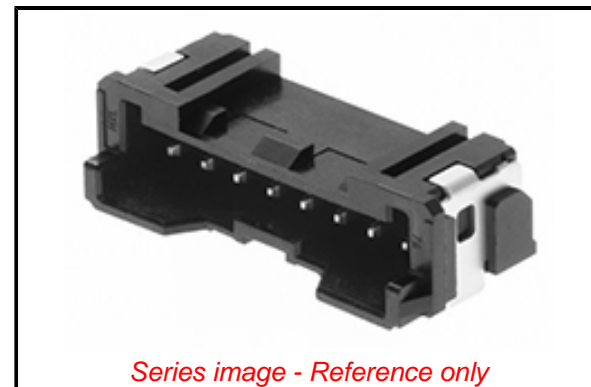
Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 16 |
| Circuits (maximum) | 16 |
| 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 | Matte Tin |
| Material - Plating Termination | Matte Tin |
| Material - Resin | Polyamide |
| Net Weight | 1521.570/mg |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 2.00mm |
| Pitch - Termination Interface | 2.00mm |
| Plating min - Mating | 1.000µm |
| Plating min - Termination | 1.000µm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | Yes |
| Stackable | No |
| Temperature Range - Operating | -40° to +105°C |
| Termination Interface: Style | Surface Mount |

Electrical

| | |
|-------------------------------|------------------|
| Current - Maximum per Contact | 3.0A |
| Voltage - Maximum | 250V AC (RMS)/DC |

Material Info



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

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

[505578 Series](#)

Mates With

[Micro-Lock Plus Receptacle Housing
505570](#)

Reference - Drawing Numbers

Application Specification

5055700001-A02, 5055700001-A03

Packaging Specification

5055789200-200

Product Specification

5055700001-PS-000, 5055701001-PS-000

Sales Drawing

5055780001-000, 5055780001-001

This document was generated on 09/25/2020

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION