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Part Number:

5055671671

Status:

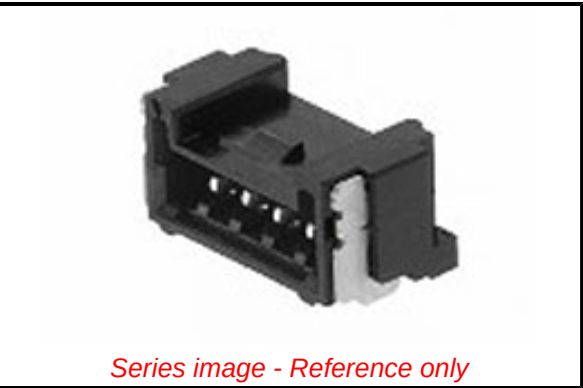
Active

Overview:

Micro-Lock Plus Wire-to-Board Connector System

Description:

Micro-Lock™ PLUS Right Angle Header, 1.25mm Pitch, Single Row, Tin-Bismuth Plating, 16 Circuits, Black



Series image - Reference only

Documents:

Drawing (PDF)

Product Specification 5055650000-000 (PDF)

Application Specification AS-505565-002-001 (PDF)

Packaging Specification 5055679200-200 (PDF)

RoHS Certificate of Compliance (PDF)

Product Literature (PDF)

|                                |                                                |
|--------------------------------|------------------------------------------------|
| Agency Certification           |                                                |
| UL                             | E29179                                         |
| General                        |                                                |
| Product Family                 | PCB Headers                                    |
| Series                         | 505567                                         |
| 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                            | 889056507677                                   |
| Physical                       |                                                |
| Breakaway                      | No                                             |
| Circuits (Loaded)              | 16                                             |
| Circuits (maximum)             | 16                                             |
| 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                     | 445.494/mg                                     |
| Number of Rows                 | 1                                              |
| 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                                |

EU ELV

Not Relevant

EU RoHS

China 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](mailto:productcompliance@molex.com)

Please visit the [Contact Us](#) section for any

non-product compliance questions.

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

505567 Series

Mates With

Micro-Lock™ PLUS Receptacle Housing

505565

**Material Info**

**Reference - Drawing Numbers**

|                           |                              |
|---------------------------|------------------------------|
| Application Specification | AS-505565-002-001            |
| Packaging Specification   | 5055679200-200               |
| Product Specification     | 5055650000-000               |
| Sales Drawing             | SD-505567-001, SD-505567-002 |

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