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Part Number:

5055680881

Status:

Active

Overview:

Description:

1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plating, Positive Lock, 8 Circuits, with Pick-and-Place Polyimide Tape, Black

|                                |                                             |
|--------------------------------|---------------------------------------------|
| Agency Certification           |                                             |
| UL                             | E29179                                      |
| General                        |                                             |
| Product Family                 | PCB Headers                                 |
| Series                         | 505568                                      |
| Application                    | Signal, Wire-to-Board                       |
| Overview                       | microlock_plus_wiretoboard_connector_system |
| Product Name                   | Micro-Lock Plus                             |
| UPC                            | 889056857550                                |
| Physical                       |                                             |
| Breakaway                      | No                                          |
| Circuits (Loaded)              | 8                                           |
| Circuits (maximum)             | 8                                           |
| 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                     | 253.000/mg                                  |
| Number of Rows                 | 1                                           |
| 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           | 0.100µm                                     |
| 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                             |
| Material Info                  |                                             |
| Reference - Drawing Numbers    |                                             |
| Application Specification      | AS-505565-001-001                           |
| Packaging Specification        | 5055689200-200                              |

EU ELV  
Not Relevant

EU RoHS  
Compliant  
REACH SVHC  
Not Contained Per -  
D(2021)4569-DC (8  
July 2021)  
Halogen-Free  
Status  
Not Low-Halogen

China RoHS

For more information, please visit [Contact US](#)

|                 |               |
|-----------------|---------------|
| China ROHS      | Green Image   |
| ELV             | Not Relevant  |
| RoHS Phthalates | Not Contained |

Search Parts in this Series  
505568 Series

Mates With  
Micro-Lock Plus Receptacle Housing  
505565

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