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**Part Number:** [2077601481](#)  
**Status:** **Active**  
**Overview:**  
**Description:** 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 14 Circuits, Black, with Pick-and-Place Polyimide Tape

**Agency Certification**

UL E29179

**General**

Product Family PCB Headers  
 Series [207760](#)  
 Application Signal, Wire-to-Board  
 Overview microlock\_plus\_wiretoboard\_connector\_system  
 Product Name Micro-Lock Plus  
 UPC 193264085026

**Physical**

Breakaway No  
 Circuits (Loaded) 14  
 Circuits (maximum) 14  
 Color - Resin Black  
 Durability (mating cycles max) 30  
 First Mate / Last Break No  
 Flammability 94V-1  
 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 1068.940/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  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) Yes  
 Temperature Range - Operating -40° to +105°C  
 Termination Interface: Style Surface Mount

**Electrical**

Current - Maximum per Contact 2.0A  
 Voltage - Maximum 50V AC (RMS)/DC

**Material Info**

**Reference - Drawing Numbers**

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
 D(2021)4569-DC (8  
 July 2021)

**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**

[207760](#) Series

**Mates With**

Micro-Lock Plus Receptacle Housing  
[204523](#)

Application Specification  
Packaging Specification  
Product Specification  
Sales Drawing

AS-505432-001-001  
2077609200-SPK-200  
2045230001-PS-000, 2045231001-PS-000  
2077600000-SD-000

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