



Part Number : [5055680281](#)
Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plating, Positive Lock, 2 Circuits, with Pick-and-Place Tape, Black
Series Number : 505568
Status : Active
Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings


- [5055680281 sd.pdf](#)
- [3D Models and Design Files](#)
- [5055680281.dxf](#)
- [5055680281 stp.zip](#)

Specifications

- [5055650000-AS-000.pdf](#)
- [5055689200-200.pdf](#)
- [5055650002-000.pdf](#)
- [5055651002-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	 per SJ/T 11365-2006
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)7663-DC (21 Jan 2025)
EU RoHS	Compliant per EU 2015/863

Compliance Statements

- EU RoHS
- REACH SVHC
- Low-Halogen

Industry Documents

- IPC 1752A Class C
- IPC 1752A Class D
- Molex Product Compliance Declaration
- IEC-62474
- chemSHERPA (xml)

Substances of Interest

- PFAS

EU RoHS Certificate of Compliance

Additional Product Compliance Information

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	505568
Description	1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Surface Mount, 0.10µm Gold Plating, Positive Lock, 2 Circuits, with Pick-and-Place Tape, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Lock Plus
UPC	889056857499

Agency

UL	E29179
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Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	2
Circuits (maximum)	2
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	Yes
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	Polyamide
Net Weight	117.000/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	1.25mm
Pitch - Termination Interface	1.25mm
Plating min - Mating	0.100µm
Plating min - Termination	0.050µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Surface Mount

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	<u>505565</u>