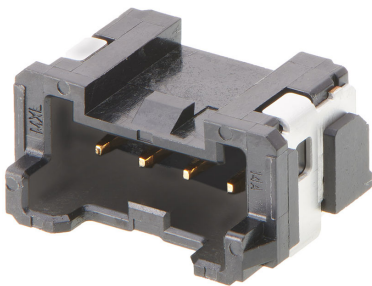




Part Number : [5055780661](#)
Product Description : 2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 6 Circuits, Low-Halogen, Black
Series Number : 505578
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
[5055780661_sd.pdf](#)

3D Models and Design Files
[5055780661.dxf](#)
[5055780661.pdf](#)
[5055780661_stp.zip](#)

Specifications
[5055700001-A03.pdf](#)
[5055789200-200.pdf](#)
[5055700002-PS-000.pdf](#)

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 2024)
EU RoHS	Compliant per EU 2015/863

Multiple Part Product Compliance Statements
- Eu RoHS
- REACH SVHC
- Low-Halogen

Multiple Part Industry Compliance Documents

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

EU RoHS Certificate of Compliance

Part Details

General

Status	Active
Category	PCB Headers and Receptacles
Series	505578
Description	2.00mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.10µm Gold Plating, Positive Lock, 6 Circuits, Low-Halogen, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Lock Plus
UPC	193264479733

Agency

UL	E29179
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Electrical

Current - Maximum per Contact	3.4A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
Color - Resin	Black
Durability (mating cycles max)	30
First Mate / Last Break	No

Flammability	94V-0
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	714.570/mg
Number of Rows	1
Orientation	Right Angle
Packaging Type	Embossed Tape on Reel
PCB Locator	No
PCB Retention	Yes
Pitch - Mating Interface	2.00mm
Pitch - Termination Interface	2.00mm
Plating min - Mating	0.100µm
Plating min - Termination	0.100µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Robotic Placement	Vacuum Pick-Up Area
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
2.00mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	<u>505570</u>
