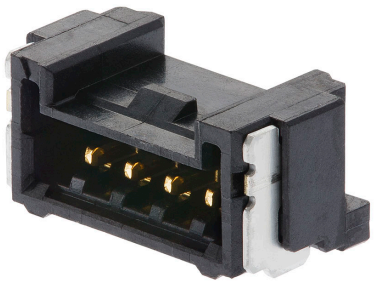
Part Number : 5055670251
Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.76µm Gold Plating, Positive Lock, 2 Circuits, Black
Series Number : 505567
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings
5055670251_sd.pdf

3D Models and Design Files
5055670251.dxf
5055670251.pdf
5055670251_stp.zip

Specifications
5055650000-AS-000.pdf
5055679200-200.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44; 33
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)4144-DC (27 June 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	505567
Description	1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Right-Angle, Surface Mount, 0.76µm Gold Plating, Positive Lock, 2 Circuits, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Micro-Lock Plus
UPC	193264125487

Agency

UL	E29179

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	117.140/mg
Number of Rows	1
Orientation	Right Angle
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	0.762µm
Plating min - Termination	0.762µm
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
1.25mm Pitch, Micro-Lock Plus Single Row Receptacle Housings	505565

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

molex:

0190700155 151670255 190730231 417920538 430450225 0436400901 152670269 190990009
436803002 0436802002 151660057 190690096 397730002 0190690033 439151216 447641402
759001161 5046940301 152660117 444280402 459705185 190990010 430451220 152670251
152670357 190670071 398800403 447642001 447691602 760475001