Part Number : 5054482070

Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 20 Circuits, Natural (Beige)

Series Number : 505448

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_5054482070_sd.pdf

3D Models and Design Files

2D Drawing DXF_5054482070.dxf
2D Drawing DXF (PDF)_5054482070.pdf
3D Model_5054482070_stp.zip

Specifications

Application Specification_5054320000-AS-000.pdf
Packaging Specification_5054489200-200.pdf
Product Specification_2145270000-PS-000.pdf
Product Specification_5054320000-002.pdf
Product Specification_5054320000-005.pdf
Product Specification_5054321000-PS-002.pdf
Product Specification_5054321000-PS-006.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	505448
Description	1.25mm Pitch, Micro-Lock Plus PCB Header, Dual Row, Right-Angle, Surface Mount, Tin-Bismuth Plating, Positive Lock, 20 Circuits, Natural (Beige)
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	889056379885

Agency

UL	E29179

Electrical

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

Physical

Breakaway	No
Circuits (Loaded)	20
Circuits (maximum)	20

Color - Resin	Natural (Beige)
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	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	1833.751/mg
Number of Rows	2
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	1.000µm
Plating min - Termination	1.000µm
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 Dual Row Receptacle Housings	505432

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Global Electronic Components Distributor

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

molex:

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