



Part Number : 2200970871

Series Number : 220097

Product Category : PCB Headers and Receptacles

Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Through Hole, Tin-Bismuth Plating, Positive Lock, 8 Circuits, Low-Halogen, Black

Status : Active

Documents & Resources

Drawings

Drawing 2200970871_sd.pdf

3D Models and Design Files

2D Drawing DXF 2200970871.dxf

2D Drawing DXF (PDF) 2200970871.pdf

3D Model 2200970871_stp.zip

Specifications

Application Specification 5055650000-AS-000.pdf


Packaging Specification 2200979200-SPK-200.pdf

Product Specification 2045320002-PS-000.pdf

Product Specification 2145260003-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2023)8585-DC (23 Jan 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	220097
Description	1.25mm Pitch, Micro-Lock Plus PCB Header, Single Row, Vertical, Through Hole, Tin-Bismuth Plating, Positive Lock, 8 Circuits, Low-Halogen, Black
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Family	Micro-Lock Connector System
Product Name	Micro-Lock Plus
UPC	196823184215

Agency

UL	E29179
----	--------

Electrical

Current - Maximum per Contact	3.3A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	Tin-Bismuth
Material - Plating Termination	Tin-Bismuth
Material - Resin	Polyamide
Net Weight	216.380/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PCB Locator	No
PCB Retention	None
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
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-40° to +105°C
Termination Interface Style	Through Hole

Mates With / Use With

Mates with Part(s)

Description	Part Number
1.25mm Pitch Micro-Lock Plus Single Row Receptacle Housings	<u>204532</u>
1.25mm Pitch Micro-Lock Plus TPA Type Single Row Receptacle Housings	<u>214526</u>

This document was generated on Apr 12, 2024