Part Number : 2077600471

Product Description : 1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 4 Circuits, Low-Halogen, Black

Series Number : 207760

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing 2077600471_sd.pdf

3D Models and Design Files

2D Drawing DXF 2077600471.dxf
2D Drawing DXF (PDF) 2077600471.pdf
3D Model 2077600471_stp.zip

Specifications

Application Specification 5054320000-AS-000.pdf
Packaging Specification 2077609200-SPK-200.pdf
Product Specification 2045230001-PS-000.pdf
Product Specification 2045231001-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	207760
Description	1.25mm Pitch, Micro-Lock Plus PCB Header with Potting Capability, Dual Row, Vertical, Surface Mount, Tin-Bismuth Plating, 4 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	193264084685

Agency

UL	E29179

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	50V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	4
Circuits (maximum)	4
Color - Resin	Black
Durability (mating cycles max)	30

First Mate / Last Break	No
Flammability	94V-1
Glow-Wire Capable	No
Guide to Mating Part	Yes
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	685.010/mg
Number of Rows	2
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	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	204523