Part Number : 535170330

Product Description : 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Matte Tin Plating, Positive Lock, 3 Circuits, with Potting Capability, Tray, 3.50mm PC Tail Length, Natural

Series Number : 53517

Status : Active

Product Category : PCB Headers and Receptacles

Documents & Resources

Drawings

Drawing_535170330_sd.pdf

3D Models and Design Files

2D Drawing DXF_535170330.dxf
2D Drawing DXF (PDF)_535170330.pdf
3D Model_535170330_stp.zip

Specifications

Packaging Specification_535179200-SPK-200.pdf
Product Specification_511030000-PS-000.pdf
Product Specification_511630000-PS-000.pdf
Product Specification_511631000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Not Relevant
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not 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	53517
Description	2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Matte Tin Plating, Positive Lock, 3 Circuits, with Potting Capability, Tray, 3.50mm PC Tail Length, Natural
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Component Type	PCB Header
Product Family	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	191128828543

Agency

UL	E29179

Electrical

Current - Maximum per Contact	3.5A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No
Circuits (Loaded)	3

Circuits (maximum)	3
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	Yes
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Resin	Polyamide
Net Weight	895.236/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Tray
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.50mm
Plating min - Mating	1.000µm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-55° to +105°C
Termination Interface Style	Through Hole - Kinked Pin

Mates With / Use With

Mates with Part(s)

Description	Part Number
Mini-Lock Single Row Receptacle Housings	51163
Mini-Lock-to-Mini-Lock Off-the-Shelf (OTS) Cable Assemblies	15137