Part Number : 533750810
Product Description : 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 8 Circuits, Bag, 3.40mm PC Tail Length
Series Number : 53375
Status : Active
Product Category : PCB Headers and Receptacles



Documents & Resources

Drawings

533750810_sd.pdf
SPK-53375-001-001.pdf
SPK-53375-001-002.pdf

3D Models and Design Files

533750810.dxf
533750810.pdf
533750810_stp.zip

Specifications

533759200-SPK-200.pdf
PS-51103-005-001.pdf
511630000-PS-000.pdf
511631000-PS-000.pdf

Product Environment Compliance

Compliance

GADSL/IMDS	Compliant with Exemption 44
China RoHS	
EU ELV	Not Relevant
Low-Halogen Status	Not Low-Halogen per IEC 61249-2-21
REACH SVHC	Not Contained per D(2024)6225-DC (07 Nov 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	53375
Description	2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole with Kinked Pins, Tin Plating, Positive Lock, 8 Circuits, Bag, 3.40mm PC Tail Length
Application	Signal, Wire-to-Board
Component Type	PCB Header
Product Name	Mini-Lock
UPC	800754235174

Agency

CSA	LR19980
UL	E29179

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V AC (RMS)/DC

Physical

Breakaway	No

Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
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	None
Lock to Mating Part	Yes
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Polyester
Net Weight	925.000/mg
Number of Rows	1
Orientation	Vertical
Packaging Type	Bag
PC Tail Length	3.40mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Pitch - Mating Interface	2.50mm
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

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