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Part Number:

0533750810

Status:

Active

Overview:

Mini-Lock Wire-to-Board Connector System

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

- Documents:
- 3D Model (PDF)

3D Model

Drawing (PDF)

Product Specification 511630000-PS-000 (PDF)

Product Specification 511631000-PS-000 (PDF)

Product Specification PS-51103-005-001 (PDF)

Packaging Specification 533759200-SPK-200 (PDF)

Packaging Specification SPK-53375-001-001 (PDF)

Packaging Specification SPK-53375-001-002 (PDF)

Datasheet (PDF)

RoHS Certificate of Compliance (PDF)

Agency Certification

CSA

LR19980

UL

E29179

General

Product Family

PCB Headers

Series

53375

Application

Signal, Wire-to-Board

Component Type

PCB Header

Overview

Mini-Lock Wire-to-Board Connector System

Product Name

Mini-Lock

Taxonomy

PCB Headers and Receptacles

UPC

800754235174

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

PC Tail Length

3.40mm

PCB Locator

Yes

PCB Retention

Yes

PCB Thickness - Recommended

1.60mm

Packaging Type

Bag

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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

China RoHS

REACH SVHC

Not Contained Per -  
D(2022)4187-DC (10  
June 2022)

Halogen-Free

Status

Not Low-Halogen

For more information, please visit [Contact US](#)

China ROHS

Green Image

ELV

Not Relevant

RoHS Phthalates

Not Contained

Search Parts in this Series

53375 Series

Mates With

Mini-Lock Receptacle [51163](#) . Mini-Lock  
Cable Assembly [15137](#)

|                                    |                                                            |
|------------------------------------|------------------------------------------------------------|
| Termination Interface: Style       | Through Hole - Kinked Pin                                  |
| <b>Electrical</b>                  |                                                            |
| Current - Maximum per Contact      | 3.0A                                                       |
| Voltage - Maximum                  | 250V AC (RMS)/DC                                           |
| <b>Material Info</b>               |                                                            |
| <b>Reference - Drawing Numbers</b> |                                                            |
| Packaging Specification            | 533759200-SPK-200, SPK-53375-001-001,<br>SPK-53375-001-002 |
| Product Specification              | 511630000-PS-000, 511631000-PS-000,<br>PS-51103-005-001    |
| Sales Drawing                      | 533750000-SD-000                                           |

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