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Part Number: [0533750590](#)

Status: **Active**

Overview: [Mini-Lock Wire-to-Board Connector System](#)

Description: 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Tin Plating, Positive Lock, 5 Circuits, Radial Tape, 3.40mm PC Tail Length

Documents:

3D Model	Product Specification PS-51103-005-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)
3D Model (PDF)	Product Literature (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

Product Family	PCB Headers
Series	53375
Application	Signal, Wire-to-Board
Overview	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	800754366243

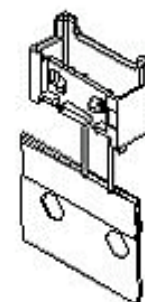
Physical

Breakaway	No
Circuits (Loaded)	5
Circuits (maximum)	5
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
Net Weight	649.000/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	Radial Tape
Pitch - Mating Interface	2.50mm
Polarized to Mating Part	Yes
Polarized to PCB	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	3.0A
Voltage - Maximum	250V

Material Info



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

REACH SVHC

Not Contained Per -
D(2021)4569-DC (8
July 2021)

Halogen-Free

Status

Not Low-Halogen

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

China ROHS

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53375 Series](#)

Mates With

Mini-Lock Receptacle [51163](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

PS-51103-005-001

SD-53375-004-001, SD-53375-XX90-001, SD-53375-

XX90-002

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