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Part Number: **0533750610**
Status: **Active**
Overview: Mini-Lock Wire-to-Board Connector System
Description: 2.50mm Pitch Mini-Lock Wire-to-Board Header, Vertical, Friction and Positive Lock, 6 Circuits

Documents:

3D Model	Product Specification PS-51163-002-001 (PDF)
Drawing (PDF)	Packaging Specification 533759200-SPK-200 (PDF)
Product Specification PS-51103-005-001 (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification

CSA	LR19980
UL	E29179

General

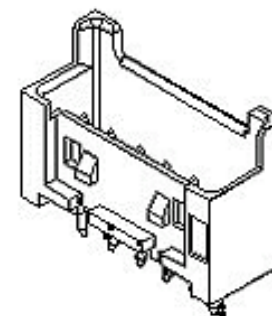
Product Family	PCB Headers
Series	53375
Application	Signal, Wire-to-Board
Overview	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
UPC	800753563650

Physical

Breakaway	No
Circuits (Loaded)	6
Circuits (maximum)	6
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	741.800/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 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



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant
REACH SVHC

Not Contained Per -
ED/61/2018 (27 June
2018)

Halogen-Free
Status

Not Low-Halogen

Need more information on product environmental compliance?

Email productcompliance@molex.com
Please visit the [Contact Us](#) section for any non-product compliance questions.

China ROHS	Green Image
ELV	Not Relevant
RoHS Phthalates	Not Contained

Search Parts in this Series

[53375 Series](#)

Mates With

Mini-Lock Wire-to-Board and Wire-to-Wire Crimp Terminal 51103 , 51102 , 51163

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

533759200-SPK-200

PS-51103-005-001, PS-51163-002-001

SD-53375-001

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