

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0535170830](#)

Status: **Active**

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

Description: 2.50mm Pitch, Mini-Lock PCB Header, Single Row, Vertical, Through Hole, Matte Tin Plating, Positive Lock, 8 Circuits, with Potting Capability, Tray, 3.50mm PC Tail Length, Natural

Documents:

3D Model	Product Specification 511631000-PS-000 (PDF)
Drawing (PDF)	Packaging Specification 535179200-SPK-200 (PDF)
3D Model (PDF)	Datasheet (PDF)
Product Specification 511030000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)
Product Specification 511630000-PS-000 (PDF)	

Agency Certification

UL E29179

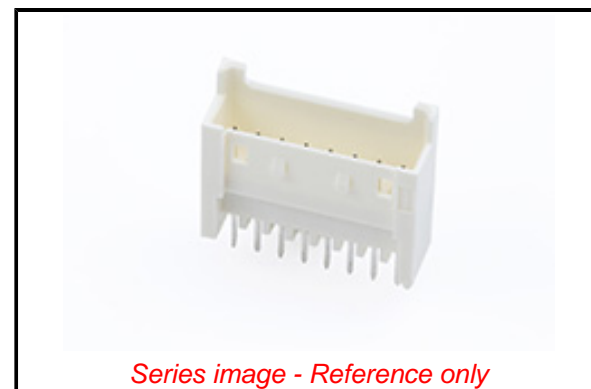
General

Product Family	PCB Headers
Series	53517
Application	Signal, Wire-to-Board
Comments	GWT performed on end product as per IEC 60695-2-11
Overview	Mini-Lock Wire-to-Board Connector System
Product Name	Mini-Lock
Taxonomy	PCB Headers and Receptacles
UPC	191128828642

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Color - Resin	Natural
Durability (mating cycles max)	30
Glow-Wire Capable	Yes - see comments above
Keying to Mating Part	None
Lock to Mating Part	Yes
Material - Metal	Copper Alloy
Material - Plating Mating	Matte Tin
Material - Resin	Polyamide
Net Weight	1737.942/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
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	-40° to +105°C
Termination Interface: Style	Through Hole - Kinked Pin

Electrical



Series image - Reference only

EU ELV

Not Relevant

EU RoHS

Compliant

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

ELV

RoHS Phthalates

China RoHS

Green Image

Not Relevant

Not Contained

Search Parts in this Series

[53517 Series](#)

Mates With

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

Current - Maximum per Contact
Voltage - Maximum

3.5A
250V AC (RMS)/DC

Material Info

Reference - Drawing Numbers

Packaging Specification
Product Specification

535179200-SPK-200
511030000-PS-000, 511630000-PS-000, 511631000-
PS-000
535170000-SD-001

Sales Drawing

This document was generated on 10/10/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION