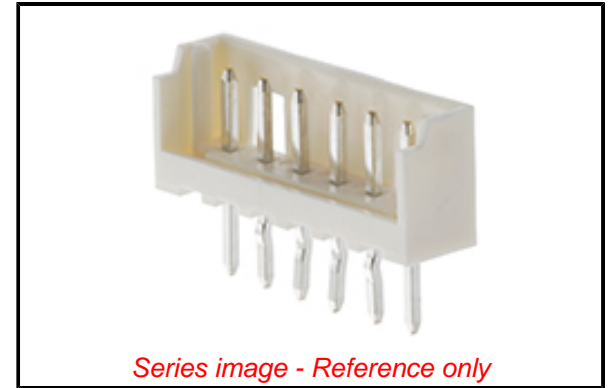


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532531170](#)
Status: **Active**
Overview: Micro-Latch Wire-to-Board Connector System
Description: 2.00mm Pitch, Micro-Latch PCB Header, Single Row, Vertical, Through Hole, Tin (Sn) Plating, 11 Circuits, Tray, 3.50mm PC Tail Length

Documents:

3D Model (PDF)	Product Specification 510651000-PS-000 (PDF)
3D Model	Packaging Specification SPK-53253-001-001 (PDF)
Drawing (PDF)	Datasheet (PDF)
Product Specification 510650000-PS-000 (PDF)	RoHS Certificate of Compliance (PDF)



Agency Certification

UL E29179

General

Product Family	PCB Headers
Series	53253
Application	Signal, Wire-to-Board
Overview	Micro-Latch Wire-to-Board Connector System
Product Name	Micro-Latch
UPC	756054354094

Physical

Breakaway	No
Circuits (Loaded)	11
Circuits (maximum)	11
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Capable	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	416.000/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	3.50mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm
Packaging Type	Tray
Pitch - Mating Interface	2.00mm
Plating min - Mating	1.016µm
Plating min - Termination	1.016µm
Polarized to Mating Part	Yes
Polarized to PCB	No
Shrouded	Partial
Stackable	No
Surface Mount Compatible (SMC)	No
Temperature Range - Operating	-40° to +105°C
Termination Interface: Style	Through Hole

Electrical

Current - Maximum per Contact	2.0A
Voltage - Maximum	125V

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

[53253](#) Series

Mates With

[51065](#) Crimp Housing, [50212](#) Crimp Terminal

Material Info

Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53253-001-001

510650000-PS-000, 510651000-PS-000

532530000-SD-000

This document was generated on 09/13/2021

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Molex:](#)

[53253-1170](#)