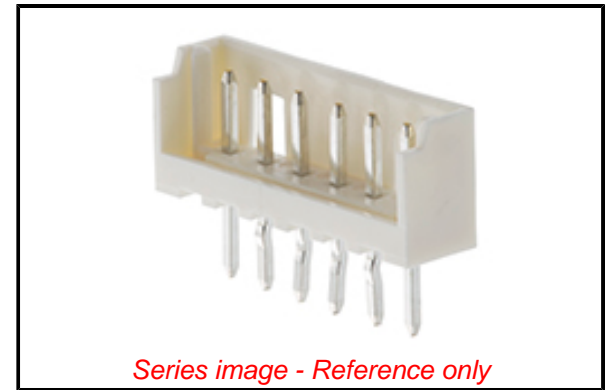


PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [0532530770](#)
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, 7 Circuits, Tray, 3.50mm PC Tail Length

Documents:

3D Model	Product Specification 510651000-PS-000 (PDF)
Drawing (PDF)	Packaging Specification SPK-53253-001-001 (PDF)
3D Model (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
Taxonomy	PCB Headers and Receptacles
UPC	756054354056

Physical

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Natural
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	275.000/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	-55° to +105°C
Termination Interface: Style	Through Hole

Electrical

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

[53253 Series](#)

Mates With

Micro-Latch Receptacle Housing [51065](#)

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

Material Info

Reference - Drawing Numbers

Packaging Specification SPK-53253-001-001
Product Specification 510650000-PS-000, 510651000-PS-000
Sales Drawing 532530000-SD-000

This document was generated on 09/29/2022

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION