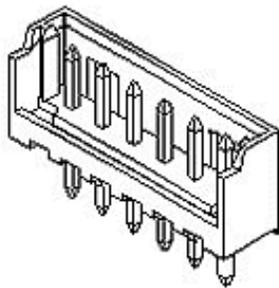




## Part Number: 53253-1280

**2.00mm Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, 12 Circuits, PC Tail Length 2.30mm**



Series image - Reference only

**Status:** Active

**Series:** [53253](#)

**Category:** PCB Headers

**Overview:** [Micro-Latch™ Wire-to-Board Connector System](#)

### Mates With Part(s):

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

## Product Environmental Compliance

**EU RoHS:**ELV and RoHS Compliant

**China RoHS:** 

**REACH SVHC:**Contains SVHC: No

**Low-Halogen Status:**Not Low-Halogen

## Part Detail

### General

<b>Status</b>	<b>Active</b>
<b>Category</b>	PCB Headers
<b>Series</b>	<a href="#">53253</a>
<b>Application</b>	Signal, Wire-to-Board
<b>Overview</b>	<a href="#">Micro-Latch™ Wire-to-Board Connector System</a>
<b>Product Name</b>	Micro-Latch™
<b>UPC</b>	822348421749

### Physical

<b>Breakaway</b>	No
<b>Circuits (Loaded)</b>	12

<b>Circuits (maximum)</b>	12
<b>Durability (mating cycles max)</b>	30
<b>First Mate / Last Break</b>	No
<b>Glow-Wire Compliant</b>	No
<b>Lock to Mating Part</b>	Yes
<b>Mated Height</b>	7.30mm
<b>Material - Metal</b>	Brass
<b>Material - Plating Mating</b>	Tin
<b>Material - Plating Termination</b>	Tin
<b>Material - Resin</b>	Nylon
<b>Net Weight</b>	573.500/mg
<b>Number of Rows</b>	1
<b>Orientation</b>	Vertical
<b>PC Tail Length</b>	2.30mm
<b>PCB Locator</b>	No
<b>PCB Retention</b>	Yes
<b>PCB Thickness - Recommended</b>	1.00mm
<b>Packaging Type</b>	Tray
<b>Pitch - Mating Interface</b>	2.00mm
<b>Plating min - Mating</b>	1.016µm
<b>Plating min - Termination</b>	1.016µm
<b>Polarized to Mating Part</b>	Yes
<b>Polarized to PCB</b>	No
<b>Shrouded</b>	Partial
<b>Stackable</b>	No
<b>Surface Mount Compatible (SMC)</b>	No
<b>Temperature Range - Operating</b>	-40°C to +105°C
<b>Termination Interface: Style</b>	Through Hole

## Electrical

(Please review the Product Specification for specific details.)

<b>Current - Maximum per Contact</b>	2A
<b>Voltage - Maximum</b>	125V

## Material Info

## Reference - Drawing Numbers

<b>Packaging Specification</b>	SPK-53253-001
<b>Product Specification</b>	PS-51065-016, RPS-51065-026, RPS-51065-030, RPS-51065-031, RPS-51065-032
<b>Sales Drawing</b>	SD-51065-006, SD-53253-003

## Application Tooling

Tooling specifications and manuals are found by selecting the products below.

Crimp Height Specifications are then contained in the Application Tooling Specification document.

## Previously Available Application Tooling

[Check our list of old tooling that used to be available for this part](#)