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**Part Number:** [53253-0880](#)  
**Status:** **Active**  
**Overview:** [Micro-Latch™ Wire-to-Board Connector System](#)  
**Description:** 2.00mm Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-Free, 8 Circuits, PC Tail Length 2.30mm

**Documents:**

[3D Model](#) [Packaging Specification SPK-53253-001 \(PDF\)](#)  
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Product Specification PS-51065-016 \(PDF\)](#)

**General**

Product Family	PCB Headers
Series	<a href="#">53253</a>
Application	Signal, Wire-to-Board
Overview	<a href="#">Micro-Latch™ Wire-to-Board Connector System</a>
Product Name	Micro-Latch™
UPC	822348421787

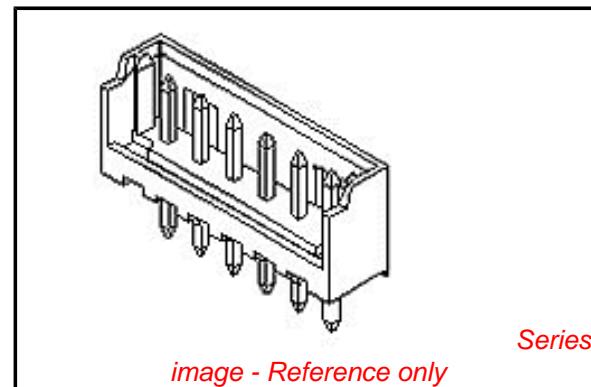
**Physical**

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
Durability (mating cycles max)	30
First Mate / Last Break	No
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Mated Height	7.30mm
Material - Metal	Brass
Material - Plating Mating	Tin
Material - Plating Termination	Tin
Material - Resin	Nylon
Net Weight	392.300/mg
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.30mm
PCB Locator	No
PCB Retention	Yes
PCB Thickness - Recommended	1.00mm
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°C to +105°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	2A
Voltage - Maximum	125V

**Material Info**



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC Contains SVHC: No**  
**Low-Halogen Status**  
**Not Low-Halogen**

**China RoHS**



**Need more information on product environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
 For a multiple part number RoHS Certificate of Compliance, [click here](#)

Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**

[53253Series](#)

**Mates With**

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

## Reference - Drawing Numbers

Packaging Specification

Product Specification

Sales Drawing

SPK-53253-001

PS-51065-016, RPS-51065-026, RPS-51065-030,

RPS-51065-031, RPS-51065-032

SD-51065-006, SD-53253-003

This document was generated on 07/09/2014

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