

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [53253-0280](#)
Status: **Active**
Overview: [Micro-Latch™](#)
Description: 2.00mm Pitch Micro-Latch™ Wire-to-Board Header, Vertical, Square Pin, Three-sided Shroud, Lead-Free, 2 Circuits, PC Tail Length 2.30mm

Documents:

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

Agency Certification

CSA LR19980
 UL E29179

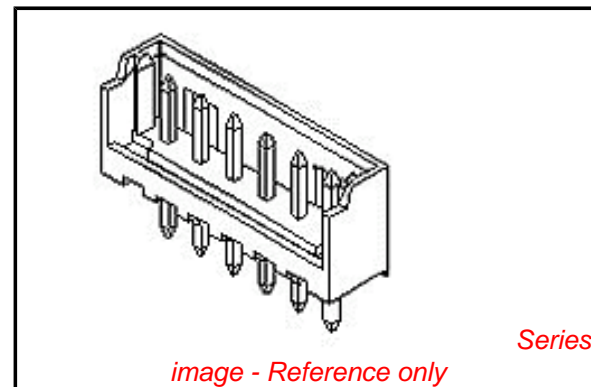
General

Product Family PCB Headers
 Series [53253](#)
 Application Signal, Wire-to-Board
 Overview [Micro-Latch™](#)
 Product Name Micro-Latch™
 UPC 822348421848

Physical

Breakaway No
 Circuits (Loaded) 2
 Circuits (maximum) 2
 Durability (mating cycles max) 30
 First Mate / Last Break No
 Flammability 94V-0
 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 120.500/mg
 Number of Rows 1
 Orientation Vertical
 PC Tail Length 2.30mm
 PCB Locator No
 PCB Retention None
 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



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Low-Halogen Status

Not Low-Halogen

China RoHS



Need more information on product environmental compliance?

Email 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](#)

Current - Maximum per Contact
Voltage - Maximum

2A
125V

Material Info

Reference - Drawing Numbers

Product Specification

PS-51065-016, RPS-51065-026, RPS-51065-030,
RPS-51065-031, RPS-51065-032

Sales Drawing

SD-51065-006, SD-53253-003

This document was generated on 01/16/2013

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION