

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: [48227-1511](#)
Status: **Active**
Description: 1.00mm Pitch Wire-to-Board PCB Header, SMT, Right Angle, Overall Matte Tin (Sn) Plated, White Housing, 15 Circuits, Lead-Free

Documents:

[3D Model](#) [Test Summary TS-48226-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)
[Product Specification PS-48226-001 \(PDF\)](#)

General

| | |
|----------------|-----------------------|
| Product Family | PCB Headers |
| Series | 48227 |
| Application | Signal, Wire-to-Board |
| Product Name | N/A |
| UPC | 822350917438 |

Physical

| | |
|--------------------------------|-----------------------|
| Breakaway | No |
| Circuits (Loaded) | 15 |
| Circuits (maximum) | 15 |
| Durability (mating cycles max) | 30 |
| First Mate / Last Break | No |
| Glow-Wire Compliant | No |
| Guide to Mating Part | No |
| Keying to Mating Part | None |
| Lock to Mating Part | Yes |
| Mated Height | 2.90mm |
| Material - Plating Mating | Tin |
| Net Weight | 0.263/g |
| Number of Rows | 1 |
| Orientation | Right Angle |
| PC Tail Length | 0.70mm |
| PCB Locator | No |
| PCB Retention | Yes |
| Packaging Type | Embossed Tape on Reel |
| Pitch - Mating Interface | 1.00mm |
| Pitch - Termination Interface | 1.00mm |
| Polarized to Mating Part | Yes |
| Polarized to PCB | No |
| Shrouded | Closed Ends |
| Stackable | No |
| Surface Mount Compatible (SMC) | Yes |
| Temperature Range - Operating | -40°C to +85°C |
| Termination Interface: Style | Surface Mount |

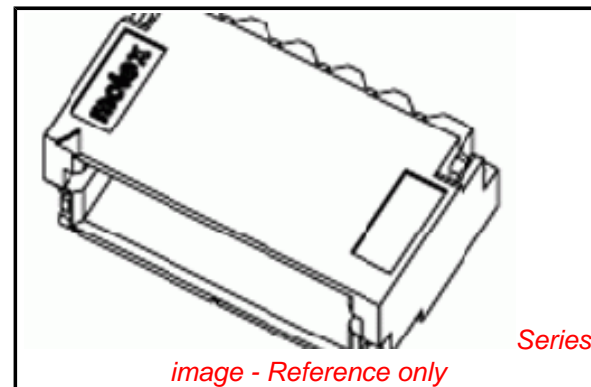
Electrical

| | |
|-------------------------------|--------|
| Current - Maximum per Contact | 1A |
| Voltage - Maximum | 50V DC |

Solder Process Data

| | |
|--|---------------------------|
| Duration at Max. Process Temperature (seconds) | 8 |
| Lead-free Process Capability | Reflow Capable (SMT only) |
| Max. Cycles at Max. Process Temperature | 1 |
| Process Temperature max. C | 260 |

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
 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

[48227Series](#)

Mates With

[48228 Wire-to-Board Crimp Housing](#)

Reference - Drawing Numbers

Product Specification

Sales Drawing

Test Summary

PS-48226-001

SD-48227-001

TS-48226-001

This document was generated on 10/19/2012

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION