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Part Number: [48227-0811](#)
Status: **Active**
Description: 1.00mm Pitch Wire-to-Board PCB Header, SMT, Right Angle, Overall Matte Tin (Sn) Plated, White Housing, 8 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	822350856188

Physical

Breakaway	No
Circuits (Loaded)	8
Circuits (maximum)	8
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	0.135/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

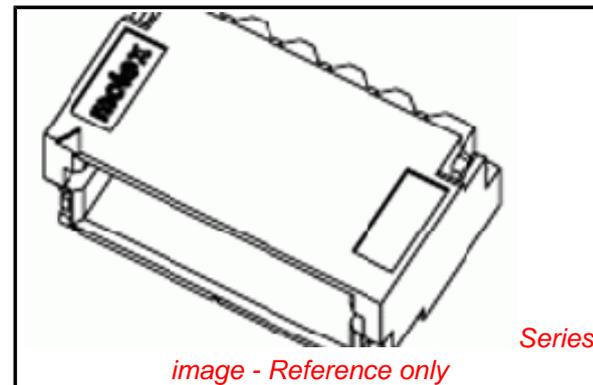
Electrical

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
 Not Reviewed
Low-Halogen Status
 Not Reviewed

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

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