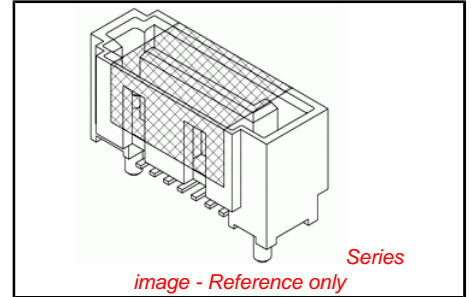


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Part Number: [0473065005](#)
Status: **Active**
Overview: [serial_ata_products](#)
Description: 1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latches, 7 Circuits, 0.38µm (15µ") Gold (Au) Plating, Metal Post Length 2.65mm (.104"), with Mylar, Tape on Reel Package, Lead-free

Documents:

[3D Model](#) [Product Specification PS-67491-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)



Agency Certification

CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [47306](#)
 Application Board-to-Board, Signal
 Comments Staggered Solder Pin|Metal Post Length 2.65mm (.104")
 Overview [serial_ata_products](#)
 Product Name Serial ATA

Physical

Breakaway No
 Circuits (Loaded) 7
 Circuits (maximum) 7
 Color - Resin Black
 Durability (mating cycles max) 50
 First Mate / Last Break Yes
 Flammability 94V-0
 Glow-Wire Compliant No
 Guide to Mating Part Yes
 Keying to Mating Part Yes
 Lock to Mating Part Yes
 Mated Height 8.40mm (.331")
 Material - Metal Brass
 Material - Plating Mating Gold
 Material - Plating Termination Tin
 Material - Resin High Temperature Thermoplastic
 Number of Rows 1
 Orientation Vertical
 PCB Locator Yes
 PCB Retention Yes
 Packaging Type Embossed Tape on Reel
 Pitch - Mating Interface 1.27mm (.050")
 Pitch - Termination Interface 1.27mm (.050")
 Plating min - Mating 0.381µm (15µ")
 Plating min - Termination 1.270µm (50µ")
 Polarized to Mating Part Yes
 Polarized to PCB Yes
 Robotic Placement Vacuum Pick-Up Tape
 Shrouded Fully
 Stackable No
 Temperature Range - Operating -35°C to +85°C
 Termination Interface: Style Surface Mount

<p>EU RoHS ELV and RoHS Compliant REACH SVHC Not Reviewed Low-Halogen Status Low-Halogen</p>	<p>China RoHS</p>
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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
[47306Series](#)

Electrical

Current - Maximum per Contact 1.5A
Voltage - Maximum 15V DC

Material Info**Reference - Drawing Numbers**

Packaging Specification PK-47306-001
Product Specification PS-67491-001
Sales Drawing SD-47306-001

This document was generated on 01/11/2011

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