

**PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION**

**Part Number:** [47306-5005](#)

**Status:** **Active**

**Overview:** [Serial ATA Products](#)

**Description:** 1.27mm Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latches, 7 Circuits, 0.38µm Gold (Au) Plating, Metal Post Length 2.65mm, with Mylar, Tape on Reel Package, Lead-Free

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

[Product Specification PS-67491-001 \(PDF\)](#)

[RoHS Certificate of Compliance \(PDF\)](#)

**Agency Certification**

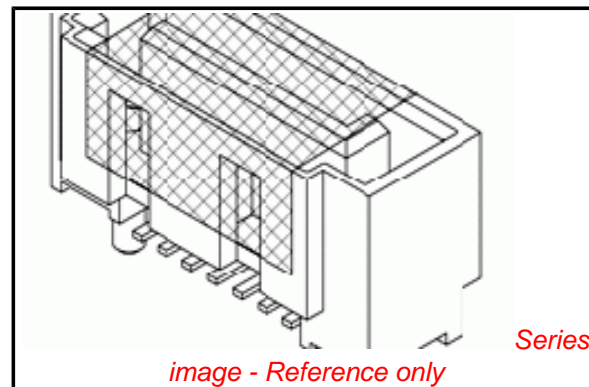
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [47306](#)  
Application Board-to-Board, Signal  
Comments Staggered Solder Pin|Metal Post Length 2.65mm  
Overview [Serial ATA Products](#)  
Product Name Serial ATA  
UPC 822350205344

**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  
Material - Metal Brass  
Material - Plating Mating Gold  
Material - Plating Termination Tin  
Material - Resin High Temperature Thermoplastic  
Net Weight 0.912g  
Number of Rows 1  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
Packaging Type Embossed Tape on Reel  
Pitch - Mating Interface 1.27mm  
Pitch - Termination Interface 1.27mm  
Plating min - Mating 0.381µm  
Plating min - Termination 1.270µm  
Polarized to Mating Part Yes  
Polarized to PCB Yes  
Robotic Placement Vacuum Pick-Up Tape  
Shrouded Fully  
Stackable No



**EU RoHS**

**ELV and RoHS  
Compliant**

**REACH SVHC**

**Contains SVHC: No  
Low-Halogen Status  
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**

47306Series

Temperature Range - Operating -35°C to +85°C  
Termination Interface: Style Surface Mount

**Electrical**

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

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document EE-47306-001  
Product Specification PS-67491-001  
Sales Drawing SD-47306-001

This document was generated on 10/25/2012

**PLEASE CHECK [WWW.MOLEX.COM](http://WWW.MOLEX.COM) FOR LATEST PART INFORMATION**

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [I/O Connectors](#) category:*

*Click to view products by [Molex](#) manufacturer:*

Other Similar products are found below :

[571763P](#) [58098-0628](#) [72.250.1628.2](#) [72.250.2428.2](#) [74720-0505](#) [76.350.0729.0](#) [76871-1403](#) [FCN-244F080-G/1](#) [FCN-260A9920](#) [PCR-E36PM](#) [PCS-XE26MA+](#) [G38A71314B](#) [1571250010](#) [157-22500-3](#) [MS3471L14-19P L/C](#) [192991-0703](#) [172501-4002](#) [172501-6002](#) [FCN-260C008-A/L0](#) [FCN-260C024-AL0](#) [FCN-261Z008](#) [2000314-1](#) [200331-1](#) [PCR-E36FC+](#) [PCS-E28FS+](#) [PCS-XE26SLFD+](#) [PCS-XE26SLFDT+](#) [G730VID08BDC24](#) [U90B2054081210](#) [UE86K842720321](#) [38113800006](#) [DP3AR020WQ1R200](#) [Z4.102.0680.0](#) [500-1040](#) [500-1052](#) [500-1054](#) [ZP-4008-66L](#) [0709821002](#) [DX40-20P\(55\)](#) [5554841-1](#) [MS3474W18-8P-LC\\*](#) [U90B3054061110](#) [U65-E04-4020](#) [ZPF00000000097891](#) [747360449](#) [10099439-003C-TRLF](#) [10137239-0021LF](#) [E9320-001-01](#) [10137239-0011LF](#) [70289-001LF](#)