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**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**

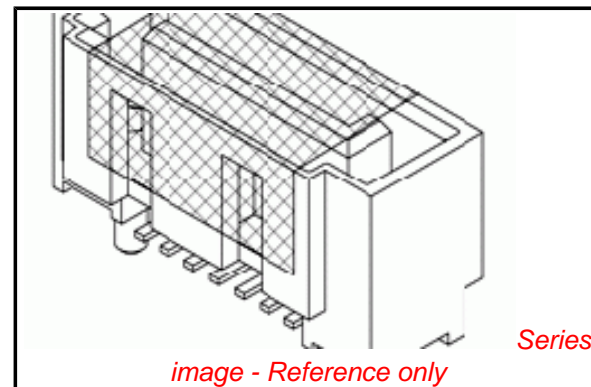
CSA LR19980  
UL E29179

**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

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