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Part Number: [47306-5001](#)
Status: **Active**
Overview: Serial ATA Products
Description: 1.27mm Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, Gold (Au) Flash, Metal Post Length 2.65mm, 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

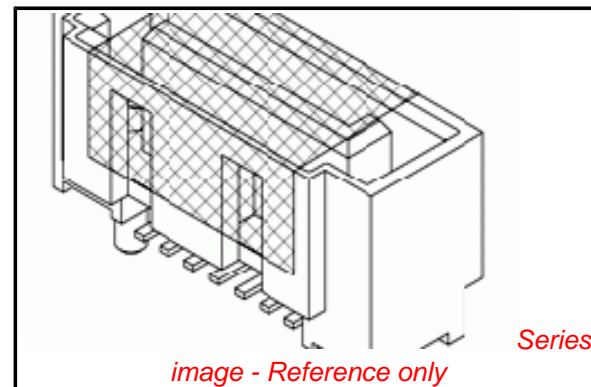
CSA LR19980
 UL E29179

General

Product Family PCB Headers
 Series [47306](#)
 Application Board-to-Board, Signal
 Comments Staggered Solder Pin|Metal Post Length 2.65mm
 Overview [Serial ATA Products](#)
 Product Name Serial ATA
 UPC 822350205320

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 0.913g
 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 0.051µm
 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
 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

Solder Process Data

Duration at Max. Process Temperature (seconds) 10
Lead-free Process Capability Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature 1
Process Temperature max. C 255

Material Info

Reference - Drawing Numbers

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

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