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**Part Number:** [67800-8122](#)  
**Status:** **Active**  
**Overview:** [Serial ATA Products](#)  
**Description:** 1.27mm Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.76µm Gold (Au) Plating, for 2.40mm PCB, High Temperature, Black, Footprint A, with PCB Locator Tabs, Lead-Free

**Documents:**

[3D Model](#) [RoHS Certificate of Compliance \(PDF\)](#)  
[Drawing \(PDF\)](#)

**Agency Certification**

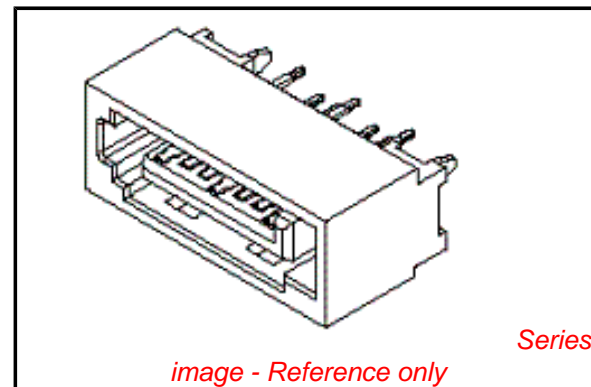
CSA LR19980  
 UL E29179

**General**

Product Family PCB Headers  
 Series [67800](#)  
 Application Board-to-Board, Signal, Wire-to-Board  
 Comments In-line Solder Pin|Footprint A  
 Overview [Serial ATA Products](#)  
 Product Name Serial ATA  
 UPC 822348715589

**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 No  
 Keying to Mating Part Yes  
 Lock to Mating Part Yes  
 Material - Metal Brass  
 Material - Plating Mating Gold  
 Material - Plating Termination Tin  
 Material - Resin High Temperature Thermoplastic  
 Net Weight 0.967/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 3.25mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 2.40mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 0.762µm  
 Plating min - Termination 1.905µm  
 Polarized to Mating Part Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) Yes



**EU RoHS**

**ELV and RoHS Compliant**  
**REACH SVHC**  
**Contains SVHC: No**  
**Low-Halogen Status**  
**Not 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**  
 67800Series

Temperature Range - Operating -55°C to +85°C  
Termination Interface: Style Through Hole

**Electrical**

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

**Solder Process Data**

Lead-free Process Capability SMC & Wave Capable (TH only)

**Material Info**

**Reference - Drawing Numbers**

Electrical Model Document EE-67800-001  
Sales Drawing SD-67800-008

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