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**Part Number:** [67800-8005](#)  
**Status:** **Active**  
**Overview:** [Serial ATA Products](#)  
**Description:** 1.27mm Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, 0.38µm Gold (Au) Selective Plating, for 1.60mm PCB, Black, Footprint A, with PCB Locator Tabs, Lead-Free

**Documents:**

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

**Agency Certification**

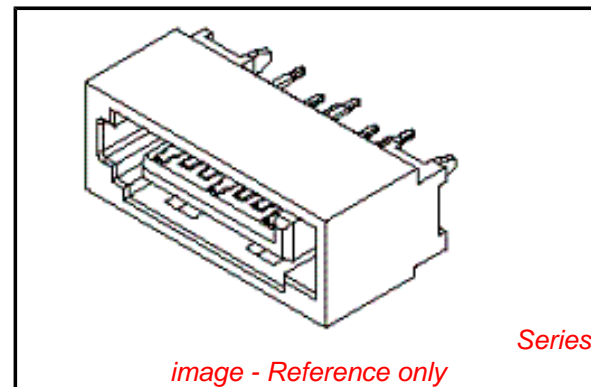
CSA LR19980  
 UL E29179

**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 822348680726

**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 Polyester  
 Net Weight 0.909/g  
 Number of Rows 1  
 Orientation Vertical  
 PC Tail Length 2.45mm  
 PCB Locator Yes  
 PCB Retention Yes  
 PCB Thickness - Recommended 1.60mm  
 Packaging Type Tray  
 Pitch - Mating Interface 1.27mm  
 Pitch - Termination Interface 1.27mm  
 Plating min - Mating 0.381µm  
 Plating min - Termination 1.905µm  
 Polarized to Mating Part Yes  
 Shrouded Fully  
 Stackable No  
 Surface Mount Compatible (SMC) No



**EU RoHS**

**ELV and RoHS  
 Compliant**

**REACH SVHC**

**Contains SVHC: No  
 Low-Halogen Status  
 Not Low-Halogen**

**China RoHS**



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 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**

Duration at Max. Process Temperature (seconds)	3
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-67800-001
Sales Drawing	SD-67800-008

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