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**Part Number:** **0678005003**

**Status:** **Active**

**Overview:** Serial ATA Connectors and Cable Assemblies

**Description:** 1.27mm Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, 0.38µm Gold (Au)Plating, for 1.60mm PCB, with PCB Locator Pegs, Lead-Free, Blue

**Documents:**

[3D Model](#)

[Drawing \(PDF\)](#)

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

[Packaging Specification PK-67800-001 \(PDF\)](#)

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

**Agency Certification**

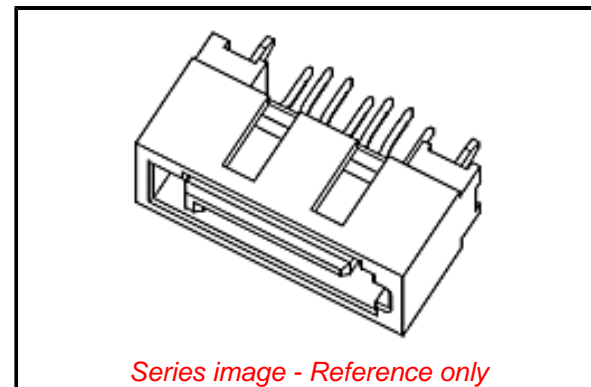
CSA LR19980  
UL E29179

**General**

Product Family PCB Headers  
Series [67800](#)  
Application Board-to-Board, Signal, Wire-to-Board  
Comments Staggered Solder Pin|Metal Post Length 2.65mm  
Overview [Serial ATA Connectors and Cable Assemblies](#)  
Product Name Serial ATA  
UPC 191128091862

**Physical**

Breakaway No  
Circuits (Loaded) 7  
Circuits (maximum) 7  
Color - Resin Blue  
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 0.853/g  
Number of Rows 1  
Orientation Vertical  
PCB Locator Yes  
PCB Retention Yes  
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  
Polarized to PCB Yes  
Shrouded Fully  
Stackable No  
Temperature Range - Operating -35°C to +85°C  
Termination Interface: Style Surface Mount



*Series image - Reference only*

**EU ELV**

**Not Relevant**

**EU RoHS**

**Compliant**

**REACH SVHC**

Not Contained Per -  
ED/30/2017 (7 July  
2017)

**Halogen-Free**

**Status**

**Not Low-Halogen**

**Need more information on product  
environmental compliance?**

Email [productcompliance@molex.com](mailto:productcompliance@molex.com)  
Please visit the [Contact Us](#) section for any  
non-product compliance questions.

China ROHS Green Image  
ELV Not Relevant  
RoHS Phthalates Not Contained

**Search Parts in this Series**

[67800 Series](#)

**Electrical**

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

**Solder Process Data**

Duration at Max. Process Temperature (seconds)	003
Lead-free Process Capability	REFLOW
Max. Cycles at Max. Process Temperature	001
Process Temperature max. C	255

**Material Info****Reference - Drawing Numbers**

Electrical Model Document	EE-67800-002
Packaging Specification	PK-67800-001
Product Specification	PS-67491-001-001
Sales Drawing	SD-67800-005

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