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**Part Number:** **0678001005**  
**Status:** **Obsolete**  
**Overview:** [serial\\_ata\\_products](#)  
**Description:** 1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, 0.38µm (15µ") Gold (Au) Selective Plating, for 1.60mm (.063") PCB, with PCB Locator Pegs  
**Replacement Part Number:** NONE

**Documents:**  
[Drawing \(PDF\)](#)

**Agency Certification**

CSA	LR19980
UL	E29179

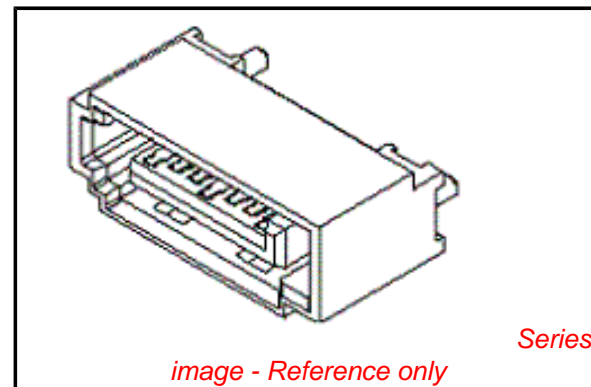
**General**

Product Family	PCB Headers
Series	<a href="#">67800</a>
Application	Board-to-Board, Signal, Wire-to-Board
Comments	Staggered Solder Pin Metal Post Length 2.65mm (.104")
Obsolete Date	2006/05/01
Overview	<a href="#">serial_ata_products</a>
Product Name	Serial ATA
Replacement Part Number	NONE

**Physical**

Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	500
Flammability	94V-0
Glow-Wire Compliant	No
Lock to Mating Part	Yes
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.40mm (.094")
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness - Recommended	1.60mm (.063")
Packaging Type	Tray
Pitch - Mating Interface	1.27mm (.050")
Pitch - Termination Interface	1.27mm (.050")
Plating min - Mating	0.381µm (15µ")
Plating min - Termination	1.905µm (75µ")
Polarized to PCB	Yes
Shrouded	Fully
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

**Electrical**



**EU RoHS**

**Not RoHS Compliant**  
**REACH SVHC**  
 Not Reviewed  
**Low-Halogen Status**  
**Not Reviewed**

**China RoHS**



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Please visit the [Contact Us](#) section for any non-product compliance questions.

**Search Parts in this Series**  
[67800Series](#)

Current - Maximum per Contact 1.5A

**Material Info**

**Reference - Drawing Numbers**

Sales Drawing SD-67800-005

This document was generated on 05/19/2011

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