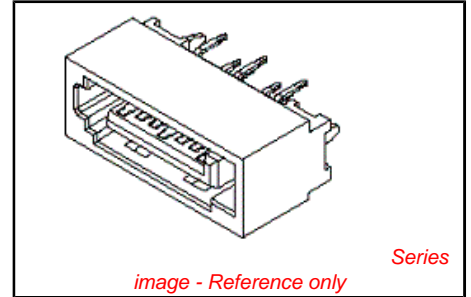


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**Part Number:** [0678007101](#)  
**Status:** **Active**  
**Overview:** [serial\\_ata\\_products](#)  
**Description:** 1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Through Hole, with Locking Latch, 7 Circuits, Gold (Au) Flash, for 1.60mm (.063") PCB, High Temperature, Black, Footprint B, with PCB Locator Tabs, Lead-free

**Documents:**

<a href="#">3D Model</a>	<a href="#">Product Specification PS-67491-001 (PDF)</a>
<a href="#">Drawing (PDF)</a>	<a href="#">RoHS Certificate of Compliance (PDF)</a>



**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 Footprint B
Overview	<a href="#">serial_ata_products</a>
Product Name	Serial ATA

**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
Number of Rows	1
Orientation	Vertical
PC Tail Length	2.45mm (.096")
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")
Polarized to Mating Part	Yes
Shrouded	Fully
Stackable	No
Surface Mount Compatible (SMC)	Yes
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Through Hole

**Electrical**

Current - Maximum per Contact	1.5A
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<p><b>EU RoHS</b>  <b>ELV and RoHS</b>  <b>Compliant</b>  <b>REACH SVHC</b>          Not Reviewed  <b>Low-Halogen Status</b>  <b>Not Low-Halogen</b></p>	<p><b>China RoHS</b></p>
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**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](#)

Voltage - Maximum

15V DC

**Solder Process Data**

Lead-free Process Capability

SMC & Wave Capable (TH only)

**Material Info**

**Reference - Drawing Numbers**

Product Specification

PS-67491-001

Sales Drawing

SD-67800-007

This document was generated on 02/02/2011

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