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Part Number: [0674911038](#)
Status: **Active**
Overview: [Serial ATA Products](#)
Description: 1.27mm (.050") Pitch Serial ATA High Speed Header, Through Hole, Vertical, 7 Circuits, Gold (Au) Flash, for 2.40mm (.094") PCB, Lead-free

Documents:

[3D Model](#) [Product Specification PS-67491-001 \(PDF\)](#)
[Drawing \(PDF\)](#) [RoHS Certificate of Compliance \(PDF\)](#)

General

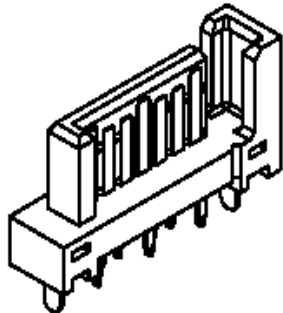
Product Family PCB Headers
Series [67491](#)
Application Board-to-Board, Wire-to-Board
Overview [Serial ATA Products](#)
Product Name Serial ATA

Physical

Breakaway No
Circuits (Loaded) 7
Color - Resin Black
Durability (mating cycles max) 50
First Mate / Last Break Yes
Glow-Wire Compliant No
Guide to Mating Part No
Keying to Mating Part Yes
Lock to Mating Part Yes
Material - Plating Mating Gold
Material - Plating Termination Tin
Number of Rows 1
Orientation Vertical
PC Tail Length (in) 0.118 In
PC Tail Length (mm) 3.00 mm
PCB Locator Yes
PCB Retention Yes
PCB Thickness Recommended (in) 0.093 In
PCB Thickness Recommended (mm) 2.40 mm
Packaging Type Tray
Pitch - Mating Interface (in) 0.050 In
Pitch - Mating Interface (mm) 1.27 mm
Pitch - Term. Interface (in) 0.050 In
Pitch - Term. Interface (mm) 1.27 mm
Plating min: Mating (µin) 2
Plating min: Mating (µm) 0.05
Plating min: Termination (µin) 50.8
Plating min: Termination (µm) 1.27
Polarized to Mating Part Yes
Polarized to PCB Yes
Shrouded No
Stackable No
Surface Mount Compatible (SMC) No
Temperature Range - Operating -35°C to +85°C
Termination Interface: Style Through Hole

Electrical

Current - Maximum per Contact 1.5A



Series
image - Reference only

EU RoHS

**ELV and RoHS
Compliant**

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Halogen-Free

China RoHS



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

Email 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

[67491Series](#)

Mates With

Serial ATA Signal Connector [67489](#) , [88755](#)

Voltage - Maximum

15V DC

Material Info

Reference - Drawing Numbers

Product Specification

PS-67491-001

Sales Drawing

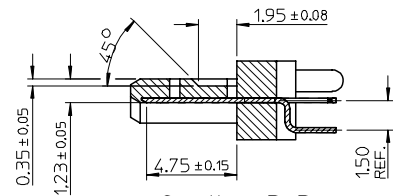
SD-67491-002

This document was generated on 04/07/2010

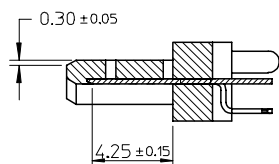
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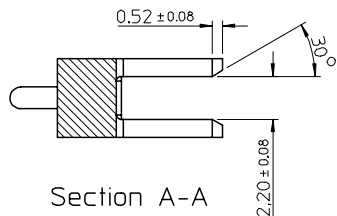
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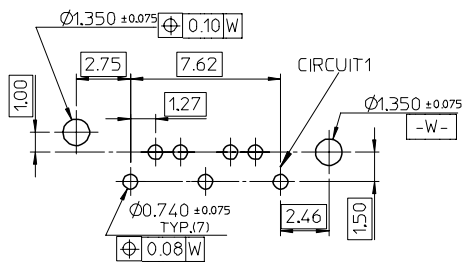
Section B-B



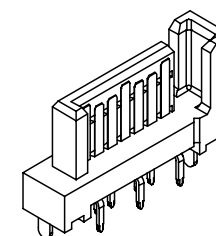
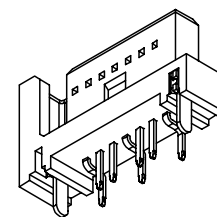
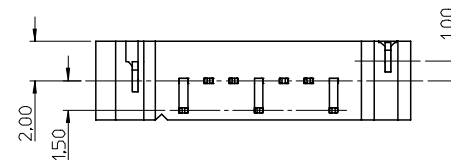
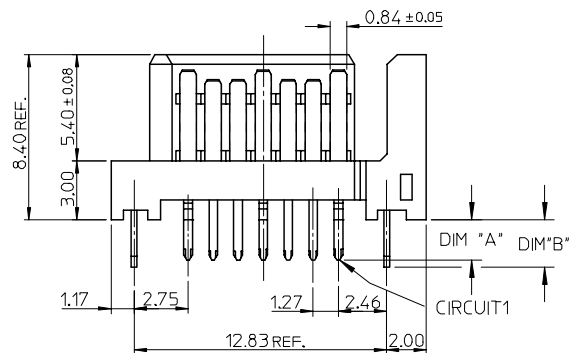
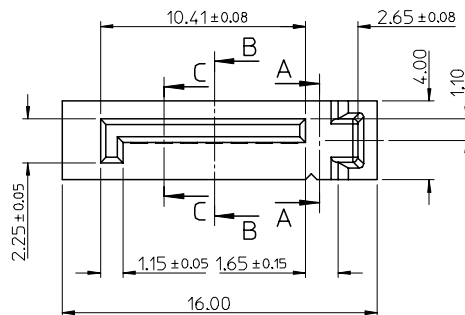
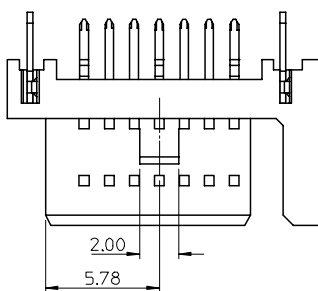
Section C-C



Section A-A



RECOMMENDED P.C.B. LAYOUT t=1.6mm OR 2.0mm



NOTES:

1. MATERIAL:
HOUSING: SEE TABLE, UL94V-0, COLOR: BLACK OR BULE (SEE P/N TABLE)
TERMINAL/PEG: COPPER ALLOY
2. TERMINAL PLATING :
CONTACT AREA: GOLD PLATED
SOLDER TAIL: 1.27 MICRON MIN. TIN PLATED
UNDER PLATE: 1.27 MICRON MIN. NICKEL PLATED
3. PEG PLATING:
1.27 MICRON MIN. TIN PLATED
OVERALL 1.27 MICRON MIN. NICKEL UNDER PLATED
4. PACKAGING SPECIFICATION REFER TO PK-67491-001
5. PRODUCT SPECIFICATION REFER TO PS-67491-001
6. MATING PART: 67489
7. RECOMMENDED PROCESS: WAVE SOLDERING
8. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC"

ADD PART NUMBER	DESCRIPTION	REV
EC NO: SH2007-0134	2006/09/01	
DRWN: BCHENZ6	2006/09/01	
CHKD: JTIAN	2006/09/01	
APPR: JNCHEN	2006/09/08	

QUALITY SYMBOLS
▽=0
▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
RICHARD	'01/06/21
CHECKED BY	DATE
VINCENT	'01/06/21
APPROVED BY	DATE
ERIC	'01/06/21
MATERIAL NO.	
SEE SHEET2	
SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE		
MOLEX INCORPORATED		
SD-67491-002		
SHEET NO. 1 OF 2		
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

	10	9	8	7	6	5	4	3	2	1																																																																					
	P/N	CONTACT PLATING TYPE	"A"	"B"	PCB THICKNESS	SOLDERING PLATE	COLOR	PLASTIC TYPE																																																																							
F	67491-1030	GOLD FLASH	2.05	2.40	1.60	PURE TIN	BLACK	THERMAL PLASTIC																																																																							
	67491-1031	0.76 MICRON GOLD PLATED																																																																													
	67491-1032	0.38 MICRON GOLD PLATED																																																																													
	67491-1035	GOLD FLASH	2.35	2.40	2.00																																																																										
	67491-1036	0.76 MICRON GOLD PLATED																																																																													
67491-1037	0.38 MICRON GOLD PLATED	BLUE PENTONE NO.293C ΔE<3																																																																													
67491-1038	GOLD FLASH			3.00	3.20		2.40																																																																								
67491-1039	0.76 MICRON GOLD PLATED																																																																														
67491-1040	0.38 MICRON GOLD PLATED																																																																														
E	67491-2030			GOLD FLASH	2.05		2.40		1.60	PURE TIN	BLUE PENTONE NO.293C ΔE<3	THERMAL PLASTIC																																																																			
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67491-2037	0.38 MICRON GOLD PLATED																																																																														
D	67491-2038	GOLD FLASH	3.00	3.20	2.40		PURE TIN	BLUE PENTONE NO.293C ΔE<3	THERMAL PLASTIC																																																																						
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Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

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- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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www.lifeelectronics.ru