

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

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

Drawing (PDF)

Product Specification PS-67491-001 (PDF)

RoHS Certificate of Compliance (PDF)

General

Product Family

Series

Application

Overview

Product Name

PCB Headers

67491

Board-to-Board, Wire-to-Board

Serial ATA Products

Serial ATA

Physical

Breakaway

Circuits (Loaded)

Color - Resin

Durability (mating cycles max)

First Mate / Last Break

Glow-Wire Compliant

Guide to Mating Part

Keying to Mating Part

Lock to Mating Part

Material - Plating Mating

Material - Plating Termination

Number of Rows

Orientation

PC Tail Length (in)

PC Tail Length (mm)

PCB Locator

PCB Retention

PCB Thickness Recommended (in)

PCB Thickness Recommended (mm)

Packaging Type

Pitch - Mating Interface (in)

Pitch - Mating Interface (mm)

Pitch - Term. Interface (in)

Pitch - Term. Interface (mm)

Plating min: Mating (µin)

Plating min: Mating (µm)

Plating min: Termination (µin)

Plating min: Termination (µm)

Polarized to Mating Part

Polarized to PCB

Shrouded

Stackable

Surface Mount Compatible (SMC)

Temperature Range - Operating

Termination Interface: Style

No

7

Black

50

Yes

No

No

Yes

Yes

Gold

Tin

1

Vertical

0.118 In

3.00 mm

Yes

Yes

0.093 In

2.40 mm

Tray

0.050 In

1.27 mm

0.050 In

1.27 mm

2

0.05

50.8

1.27

Yes

Yes

No

No

No

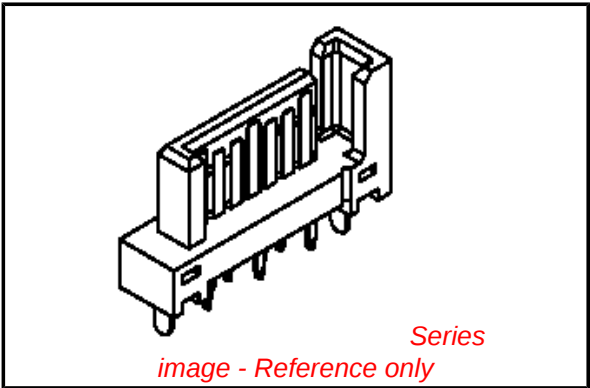
-35°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

1.5A



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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10 9 8 7 6 5 4 3 2 1

F

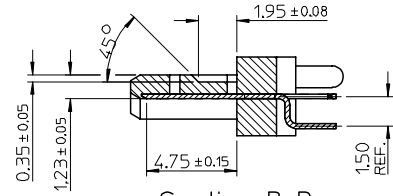
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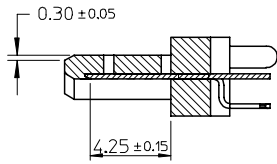
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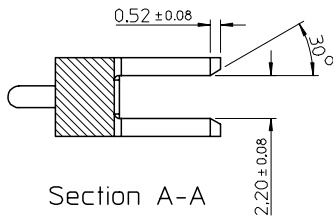
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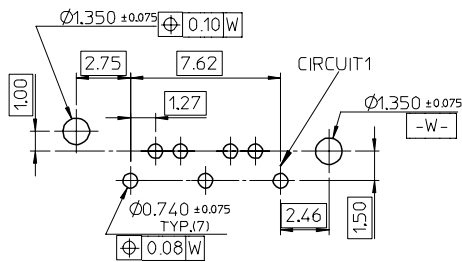
Section B-B



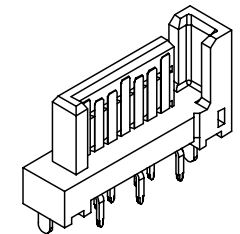
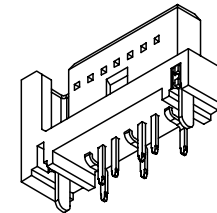
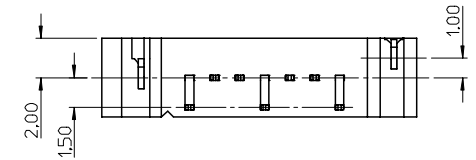
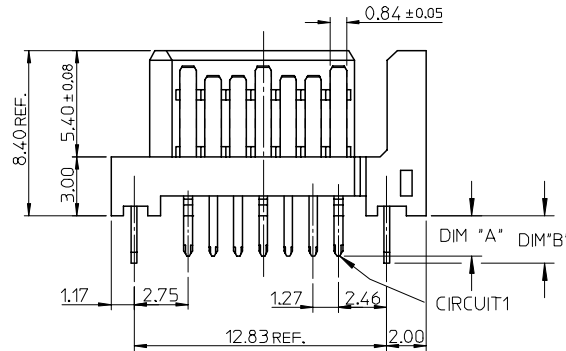
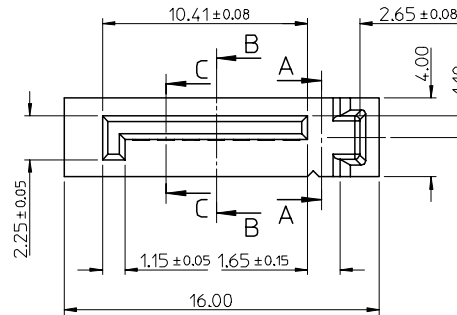
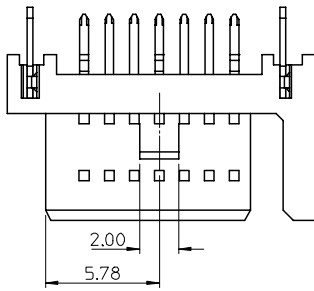
Section C-C



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 EC NO: SH2007-0134 DRWN:BCHENZ6 CHKD:JTIAN APPR: INCHEM		2006/09/01 2006/09/01 2006/09/01 2006/09/08		DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
					mm INCH		DRAWN BY DATE		TITLE 1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE				
					4 PLACES ± --- ± ---		RICHARD '01/06/21						
					3 PLACES ± --- ± ---		CHECKED BY		DATE				
					2 PLACES ± 0.15 ± ---		VINCENT '01/06/21						
					1 PLACE ± 0.25 ± ---		APPROVED BY		DATE				
					ANGULAR ± 3 °		ERIC '01/06/21		MOLEX MOLEX INCORPORATED				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO. SEE SHEET2		DOCUMENT NO. SD-67491-002		SHEET NO. 1 OF 2			
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

	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																																				
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																																															
	67491-1038	GOLD FLASH		3.00	3.20	2.40					BLUE PENTONE NO.293C ΔE<3									THERMAL PLASTIC																													
E	67491-1039	0.76 MICRON GOLD PLATED																																															
	67491-1040	0.38 MICRON GOLD PLATED																																															
	67491-2030	GOLD FLASH		2.05	2.40	1.60																																											
	67491-2031	0.76 MICRON GOLD PLATED																																															
	67491-2032	0.38 MICRON GOLD PLATED																																															
	67491-2035	GOLD FLASH		2.35	2.40	2.00			BLACK		HIGH TEMPERATURE THERMAL PLASTIC																																						
D	67491-2036	0.76 MICRON GOLD PLATED																																															
	67491-2037	0.38 MICRON GOLD PLATED																																															
	67491-2038	GOLD FLASH		3.00	3.20	2.40																																											
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Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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