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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

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

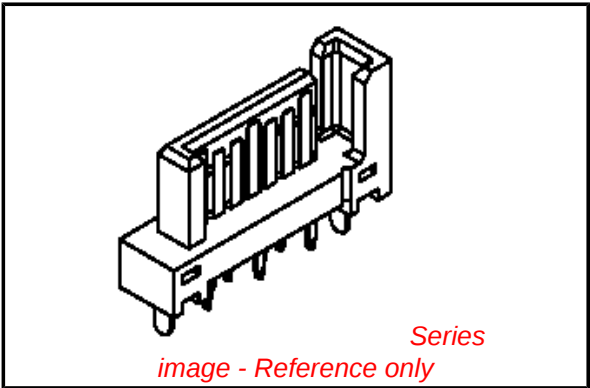
-35°C to +85°C

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

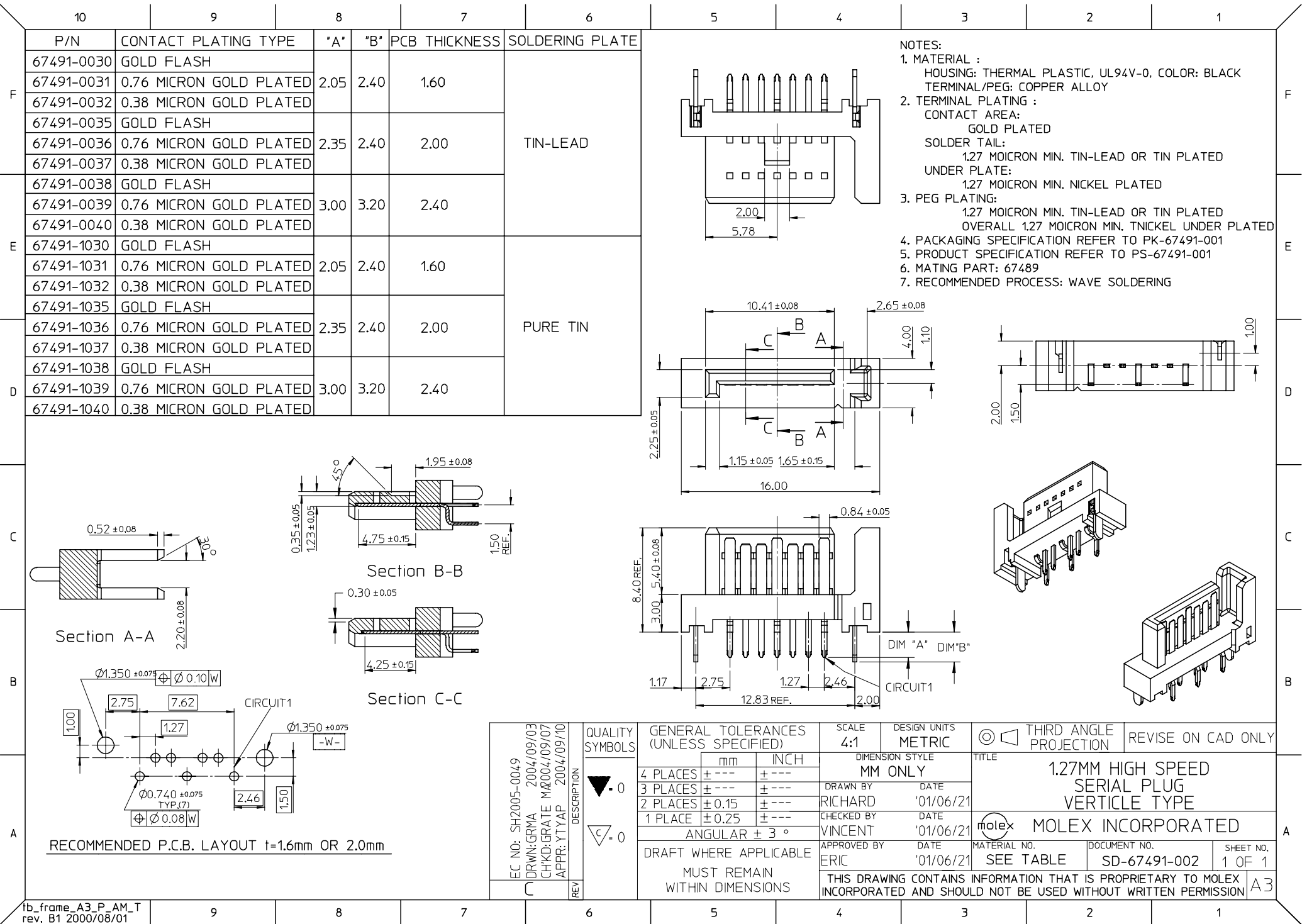
PS-67491-001

Sales Drawing

SD-67491-002

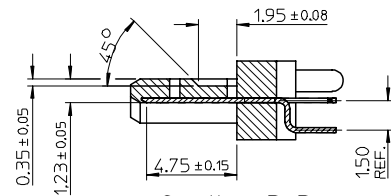
This document was generated on 04/07/2010

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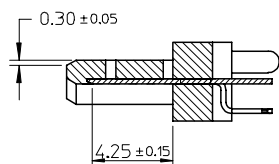


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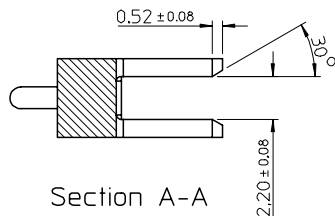
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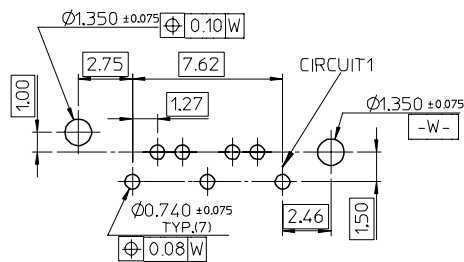
Section B-B



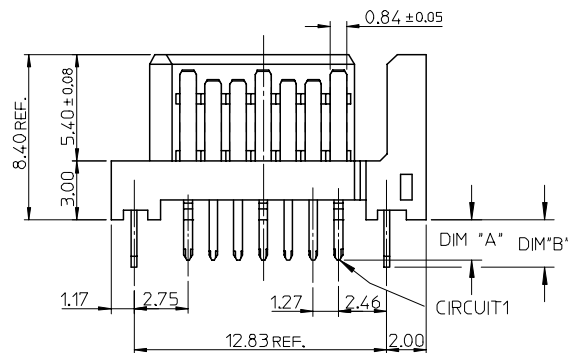
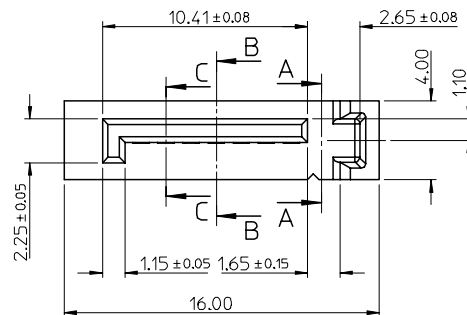
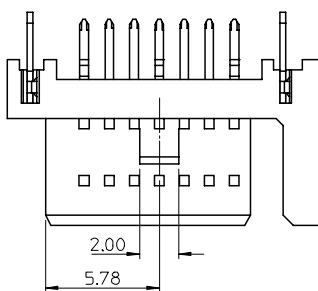
Section C-C



Section A-A

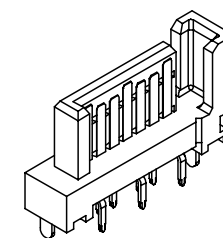
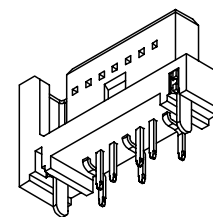
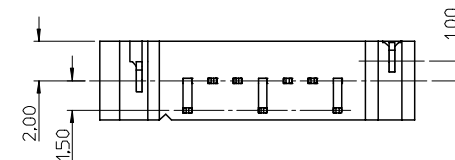


RECOMMENDED P.C.B. LAYOUT t=1.6mm OR 2.0mm



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: 127 MICRON MIN. TIN PLATED
UNDER PLATE: 127 MICRON MIN. NICKEL PLATED
3. PEG PLATING:
127 MICRON MIN. TIN PLATED
OVERALL 127 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"



B

A

ADD PART NUMBER
EC NO: SH2007-0134
DRWN: B. CHEN
CHKD: J. TAN
APPR: J. CHEN
DATE: 2006/09/01
DATE: 2006/09/08

QUALITY SYMBOLS
$\nabla = 0$
$\triangle = 0$

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 SHEET 2	
SIZE	A3

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

9 8 7 6 5 4 3 2 1

	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	▽F					
	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	3.00	3.20	2.40										
67491-1038	GOLD FLASH													
67491-1039	0.76 MICRON GOLD PLATED													
E	67491-1040	0.38 MICRON GOLD PLATED	2.05	2.40	1.60									
	67491-2030	GOLD FLASH												
	67491-2031	0.76 MICRON GOLD PLATED	2.35	2.40	2.00									
67491-2032	0.38 MICRON GOLD PLATED													
67491-2035	GOLD FLASH													
D	67491-2036	0.76 MICRON GOLD PLATED	3.00	3.20	2.40									
	67491-2037	0.38 MICRON GOLD PLATED												
	67491-2038	GOLD FLASH												
	67491-2039	0.76 MICRON GOLD PLATED	2.05	2.40	1.60									
	67491-2040	0.38 MICRON GOLD PLATED												
C	67491-1130	GOLD FLASH	2.35	2.40	2.00									
	67491-1131	0.76 MICRON GOLD PLATED												
	67491-1132	0.38 MICRON GOLD PLATED												
	67491-1135	GOLD FLASH	3.00	3.20	2.40									
	67491-1136	0.76 MICRON GOLD PLATED												
	67491-1137	0.38 MICRON GOLD PLATED												
	67491-1138	GOLD FLASH	2.05	2.40	1.60									
	67491-1139	0.76 MICRON GOLD PLATED												
	67491-1140	0.38 MICRON GOLD PLATED												
B														
A														

ADD PART NUMBER EC NO: SH2007-0134 TJ DRWN: BHEV26 2006/09/01 CHKD: JTIAN 2006/09/01 APPR: JNCHEN 2006/09/08	REV	DESCRIPTION	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 RICHARD	DATE '01/06/21	1.27MM HIGH SPEED SERIAL PLUG VERTICAL TYPE						
				4 PLACES	± ---	± ---	CHECKED BY VINCENT	DATE '01/06/21							
				3 PLACES	± ---	± ---	APPROVED BY ERIC	DATE '01/06/21							
				2 PLACES	± 0.15	± ---	molex MOLEX INCORPORATED								
				1 PLACE	± 0.25	± ---	ANGULAR ± 3 °		MATERIAL NO.			DOCUMENT NO. SD-67491-002	SHEET NO. 2 OF 2		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

tb_frame_A3_P_AM_T Rev. D 2004/06/28	9	8	7	6	5	4	3	2	1	
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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: info@moschip.ru

Skype отдела продаж:

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