

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0674913011

Status:

Active

Overview:

serial_ata_products

Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Through Hole, Vertical, 7 Circuits, 0.76µm (30µ") Gold (Au) Plating, with 3.00mm (.118") PC Tail Length, Black Housing, 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

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

Tray

0.050 In

1.27 mm

0.050 In

1.27 mm

30

0.76

50.8

1.27

Yes

Yes

No

No

No

-35°C to +85°C

Through Hole

Electrical

Current - Maximum per Contact

Voltage - Maximum

1.5A

15V DC

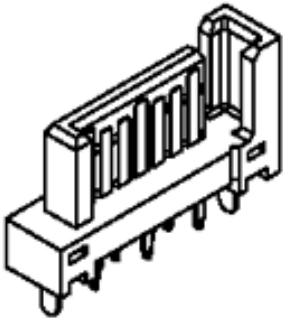


image - Reference only

Series

EU RoHS

ELV and RoHS

Compliant

REACH SVHC

Not Reviewed

Halogen-Free

Status

Not Reviewed

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

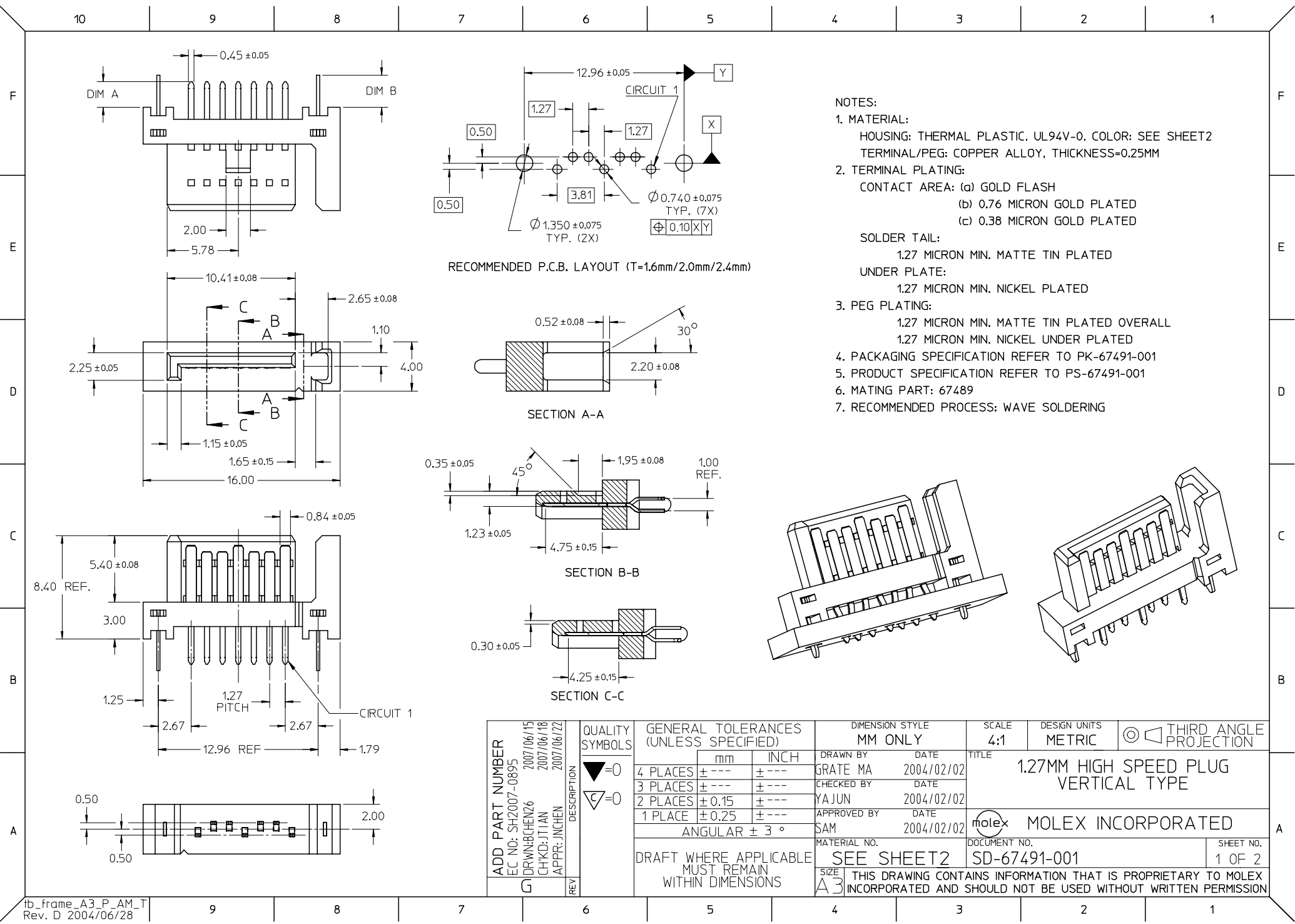
Material Info

Reference - Drawing Numbers

Product Specification	PS-67491-001
Sales Drawing	SD-67491-001

This document was generated on 05/25/2010

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NOTES:

1. MATERIAL:

HOUSING: THERMAL PLASTIC, UL94V-0, COLOR: SEE SHEET2
TERMINAL/PEG: COPPER ALLOY, THICKNESS=0.25MM

2. TERMINAL PLATING:

CONTACT AREA: (a) GOLD FLASH
(b) 0.76 MICRON GOLD PLATED
(c) 0.38 MICRON GOLD PLATED

SOLDER TAIL:

1.27 MICRON MIN. MATTE TIN PLATED

UNDER PLATE:

1.27 MICRON MIN. NICKEL PLATED

3. PEG PLATING:

1.27 MICRON MIN. MATTE 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

ADD PART NUMBER EC NO: SH2007-0895 DRAWN: CHEN26 CHKD: JTIAN APPR: INCHEM		DESCRIPTION 2007/06/15 2007/06/18 2007/06/22	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			
				4 PLACES	± ---	± ---	GRATE MA	2004/02/02	1.27MM HIGH SPEED PLUG VERTICAL TYPE		
				3 PLACES	± ---	± ---	CHECKED BY	DATE			
				2 PLACES	± 0.15	± ---	YA JUN	2004/02/02	MOLEX INCORPORATED		
				1 PLACE	± 0.25	± ---	APPROVED BY	DATE			
				ANGULAR ± 3 °			SAM	2004/02/02	MOLEX		
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		DOCUMENT NO.		SHEET NO.	
						SEE SHEET2		SD-67491-001		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	PLATING TYPE	DIM "A"	DIM "B"	COLOR	SOLDE AREA PLATING												
F	67491-0020	SEE NOTE 2(a)	2.05	2.57	BLACK	PURE TIN MATTE FINISH	G						F					
	67491-0021	SEE NOTE 2(b)																
	67491-0022	SEE NOTE 2(c)																
	67491-0025	SEE NOTE 2(a)	2.35															
	67491-0026	SEE NOTE 2(b)																
	67491-0027	SEE NOTE 2(c)																
E	67491-2020	SEE NOTE 2(a)	2.05		BLUE PANTONE NO. 293C ΔE<3													E
	67491-2021	SEE NOTE 2(b)																
	67491-2022	SEE NOTE 2(c)																
	67491-2025	SEE NOTE 2(a)	2.35															
	67491-2026	SEE NOTE 2(b)																
	67491-2027	SEE NOTE 2(c)																
D	67491-3010	SEE NOTE 2(a)	3.00	3.20	BLACK						D							
	67491-3011	SEE NOTE 2(b)																
	67491-3012	SEE NOTE 2(c)																
	67491-3110	SEE NOTE 2(a)	3.00	3.20	BLUE PANTONE NO. 293C ΔE<3													
	67491-3111	SEE NOTE 2(b)																
	67491-3112	SEE NOTE 2(c)																
C												C						
B												B						
A												A						

ADD PART NUMBER

EC NO: SH2007-0895

DRWN: BCHENZ6 2007/06/15

CHKD: JTIAN 2007/06/18

APPR: JNCHEN 2007/06/22

REVDESCRIPTION

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
GRATE MA	2004/02/02
CHECKED BY	DATE
YAJUN	2004/02/02
APPROVED BY	DATE
SAM	2004/02/02
MATERIAL NO.	

SEE TABLE

SIZE
A3

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SCALE
4:1

DESIGN UNITS
METRIC

THIRD ANGLE PROJECTION

TITLE
1.27MM HIGH SPEED PLUG
VERTICAL TYPE

MOLEX

MOLEX INCORPORATED

DOCUMENT NO.
SD-67491-001

SHEET NO.
2 OF 2

ib_frame_A3_P_AM_T
Rev. D 2004/06/28

	9	8	7	6	5	4	3	2	1	
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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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- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
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- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
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- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

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Конструкторский отдел помогает осуществить:

- 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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