

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

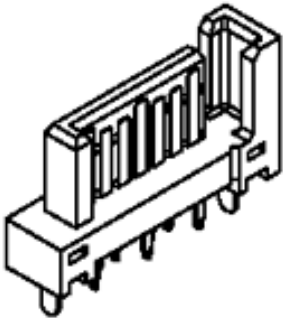


image - Reference only

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

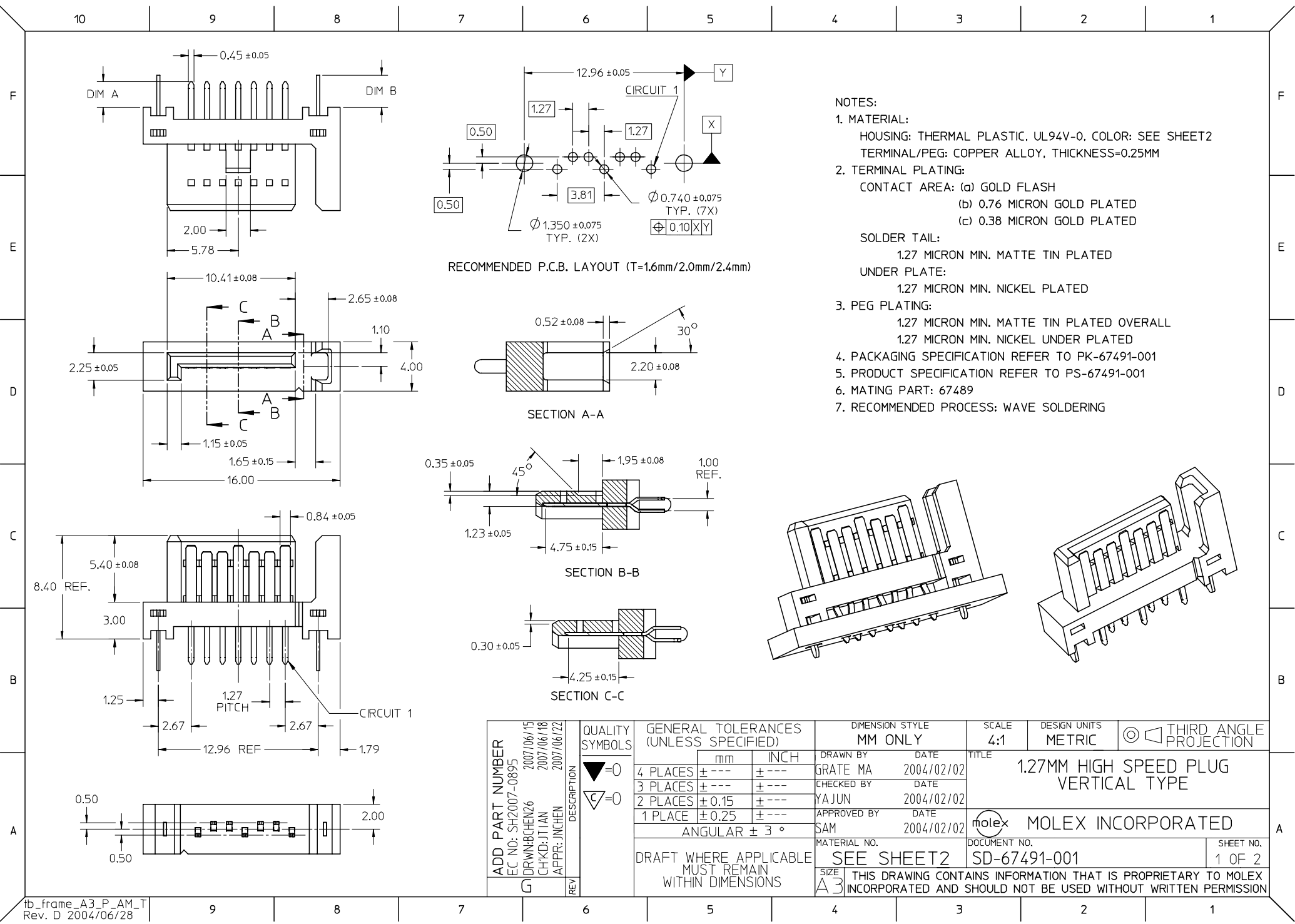
Material Info

Reference - Drawing Numbers

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

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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

RECOMMENDED P.C.B. LAYOUT (T=1.6mm/2.0mm/2.4mm)

SECTION A-A

SECTION B-B

SECTION C-C

ADD PART NUMBER EC NO: SH2007-0895 DRWN: BCHEN26 CHKD: JTIAN APPR: INCHEM	QUALITY SYMBOLS ▽=0 ▽C=0	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY GRATE MA	DATE 2004/02/02	TITLE 1.27MM HIGH SPEED PLUG VERTICAL TYPE				
			4 PLACES	± ---	± ---	CHECKED BY YAJUN	DATE 2004/02/02					
			3 PLACES	± ---	± ---	APPROVED BY SAM	DATE 2004/02/02					
			2 PLACES	± 0.15	± ---	MOLEX MOLEX INCORPORATED						
			1 PLACE	± 0.25	± ---	DOCUMENT NO. SD-67491-001		SHEET NO. 1 OF 2				
			ANGULAR ± 3 °			MATERIAL NO. SEE SHEET2						
			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				

	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							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	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽C=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
				4 PLACES	± ---	± ---	DRAWN BY GRATE MA	DATE 2004/02/02	TITLE 1.27MM HIGH SPEED PLUG VERTICAL TYPE						
					3 PLACES	± ---	± ---	CHECKED BY					DATE		
						2 PLACES	± 0.15	± ---					YA JUN	2004/02/02	
							1 PLACE	± 0.25					± ---	APPROVED BY	DATE
								ANGULAR ± 3 °					SAM	2004/02/02	MOLEX INCORPORATED
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-67491-001		SHEET NO. 2 OF 2				
				SIZE A3			THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



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

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.