

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0674911030

Status:

Active

Overview:

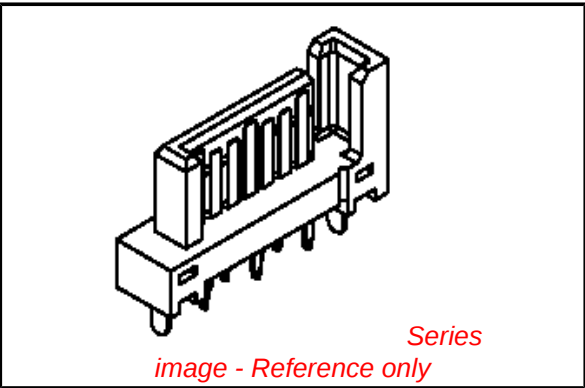
Serial ATA Products

Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Through Hole, Vertical, 7 Circuits, Gold (Au) Flash, with 2.05mm (.081") PC Tail Length, for 1.60mm (.063") PCB, Black Housing, 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
Material - Resin	Polyester
Number of Rows	1
Orientation	Vertical
PC Tail Length (in)	0.081 In
PC Tail Length (mm)	2.05 mm
PCB Locator	Yes
PCB Retention	Yes
PCB Thickness Recommended (in)	0.062 In
PCB Thickness Recommended (mm)	1.60 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



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

Electrical

Current - Maximum per Contact	1.5A
Voltage - Maximum	15V DC

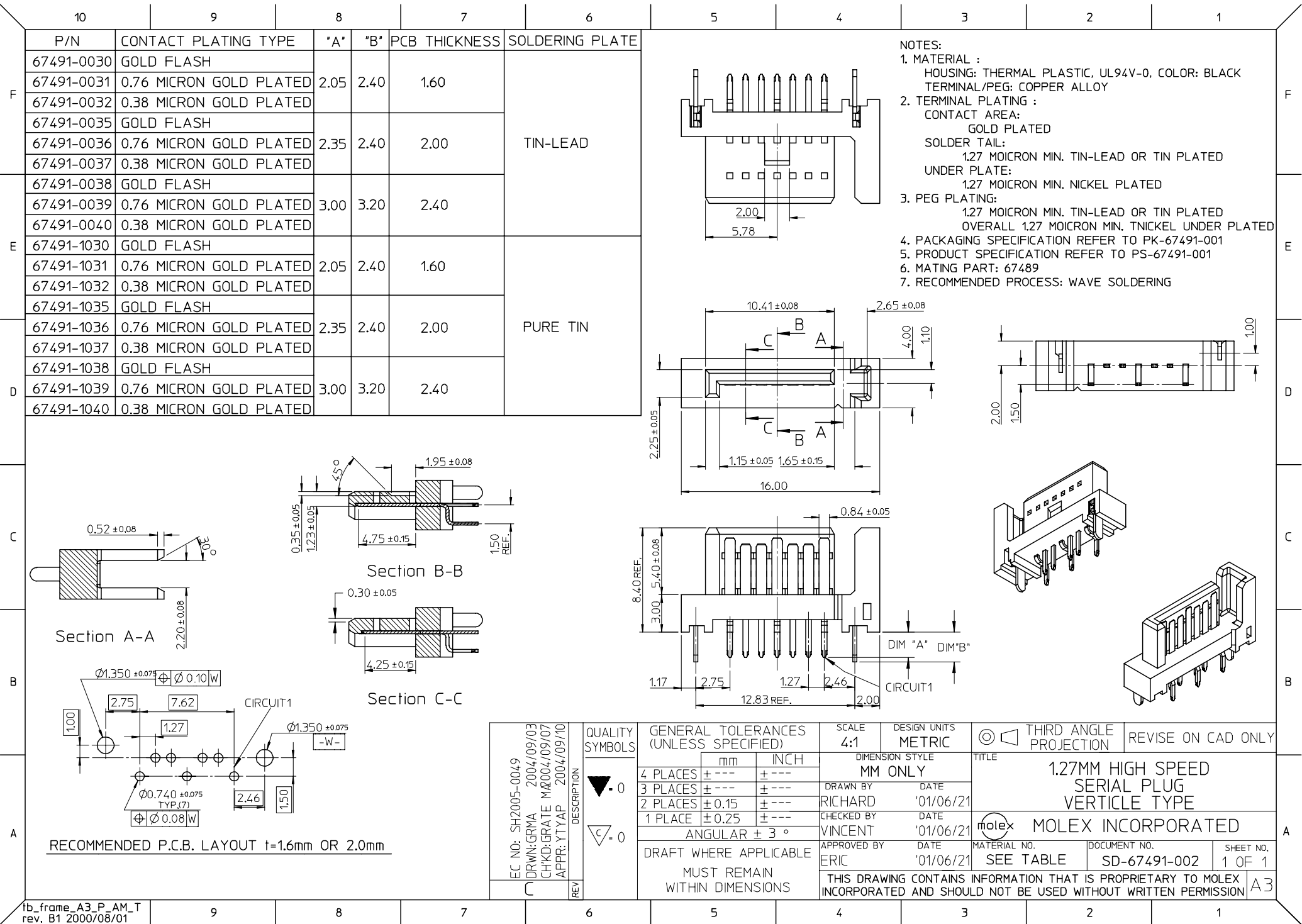
Material Info

Reference - Drawing Numbers

Product Specification	PS-67491-001
Sales Drawing	SD-67491-002

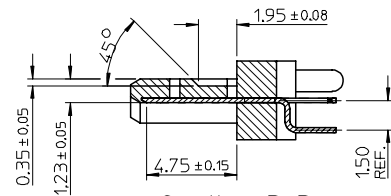
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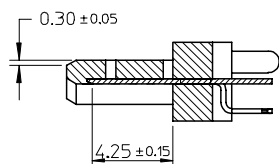


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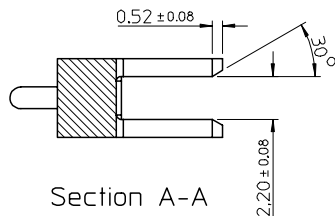
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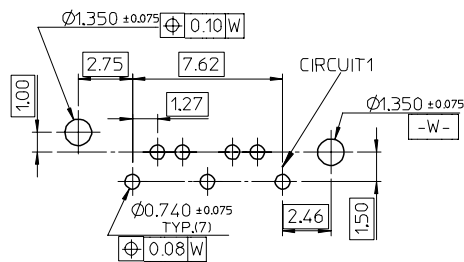
Section B-B



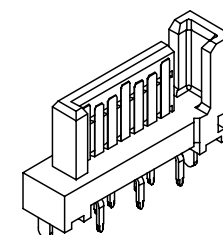
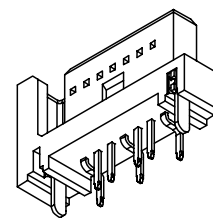
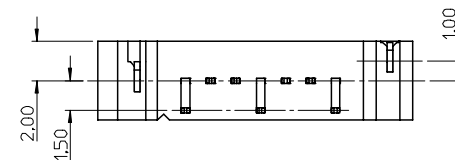
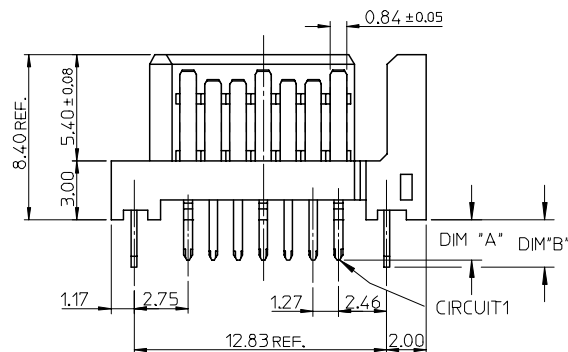
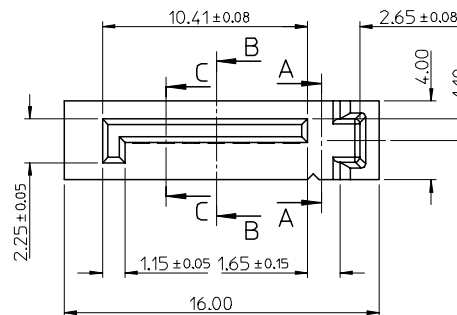
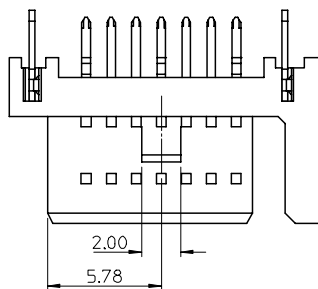
Section C-C



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"

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 CONT INCORPORATED AND
A3	

SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
4:1	METRIC	
127MM 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	3.00	3.20	2.40			BLUE PENTONE NO.293C ΔE<3											
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		BLACK	HIGH TEMPERATURE THERMAL PLASTIC										
	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																
	B	67491-1135	GOLD FLASH	3.00	3.20		2.40											
		67491-1136	0.76 MICRON GOLD PLATED															
67491-1137		0.38 MICRON GOLD PLATED																
A		67491-1138	GOLD FLASH	3.00	3.20		2.40											
		67491-1139	0.76 MICRON GOLD PLATED															
	67491-1140	0.38 MICRON GOLD PLATED																

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:

- Конкурентоспособные цены и скидки постоянным клиентам.
- 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.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

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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