

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0473065001

Status:

Active

Overview:

serial_ata_products

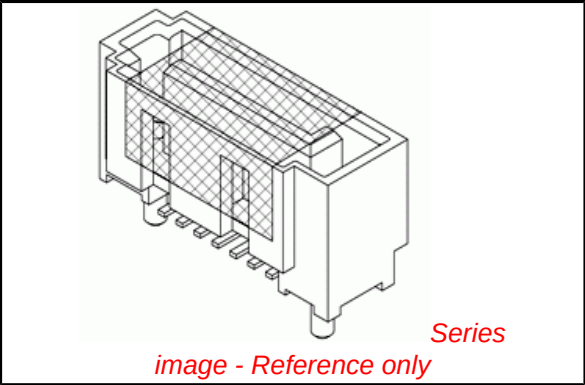
Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latch, 7 Circuits, Gold (Au) Flash, Metal Post Length 2.65mm (.104"), with Mylar, Tape on Reel Package, Lead-free

Documents:	
3D Model	Product Specification PS-67491-001 (PDF)
Drawing (PDF)	RoHS Certificate of Compliance (PDF)

Agency Certification	
CSA	LR 19980
UL	E29179
General	
Product Family	PCB Headers
Series	47306
Application	Board-to-Board
Comments	Staggered Solder Pin Metal Post Length 2.65mm (.104")
Overview	serial_ata_products
Product Name	Serial ATA

Physical	
Breakaway	No
Circuits (Loaded)	7
Circuits (maximum)	7
Color - Resin	Black
Durability (mating cycles max)	50
First Mate / Last Break	Yes
Flammability	94V-0
Glow-Wire Compliant	No
Guide to Mating Part	Yes
Keying to Mating Part	Yes
Lock to Mating Part	Yes
Mated Height (in)	0.331 In
Mated Height (mm)	8.40 mm
Material - Metal	Brass
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Material - Resin	High Temperature Thermoplastic
Number of Rows	1
Orientation	Vertical
PCB Locator	Yes
PCB Retention	Yes
Packaging Type	Embossed Tape on Reel
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
Plating min: Termination (µm)	1.27
Polarized to Mating Part	Yes
Polarized to PCB	Yes



EU RoHS

ELV and RoHS Compliant

REACH SVHC

Not Reviewed

Halogen-Free Status

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

47306Series

Robotic Placement	Vacuum Pick-Up Tape
Shrouded	Fully
Stackable	No
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Surface Mount

Electrical

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

Solder Process Data

Duration at Max. Process Temperature (seconds)	10
Lead-free Process Capability	Reflow Capable (SMT only)
Max. Cycles at Max. Process Temperature	1
Process Temperature max. C	255

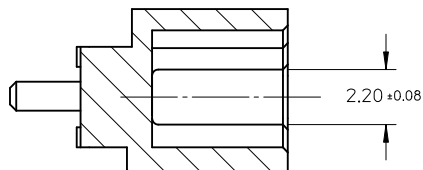
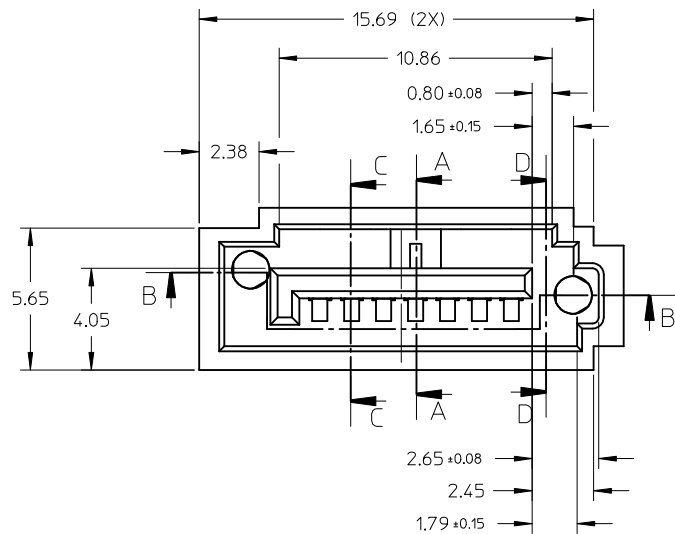
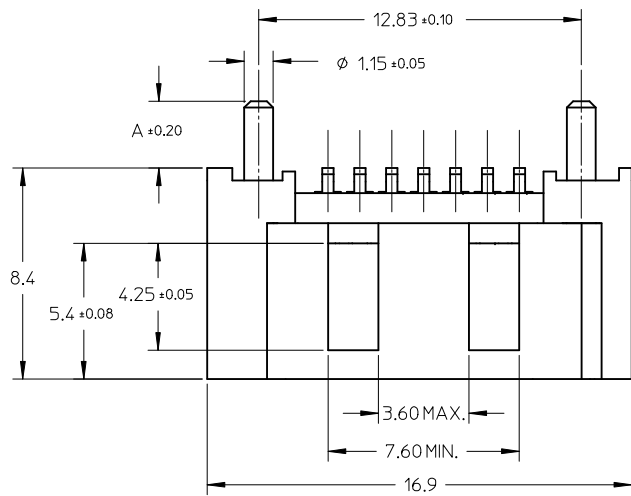
Material Info

Reference - Drawing Numbers

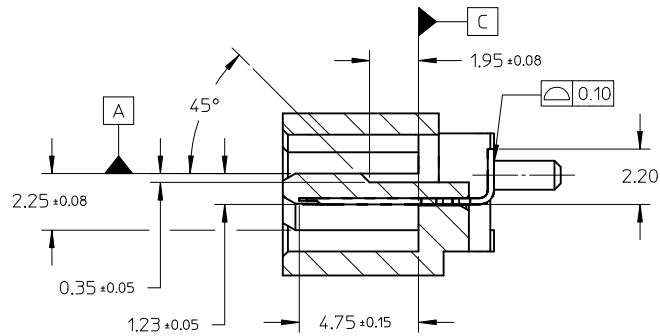
Packaging Specification	PK-47306-001
Product Specification	PS-67491-001
Sales Drawing	SD-47306-001

This document was generated on 05/26/2010

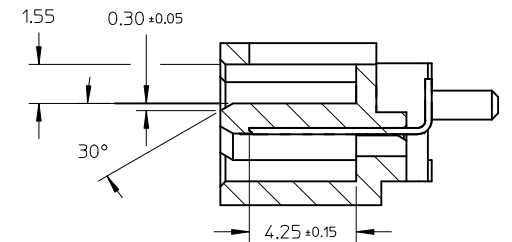
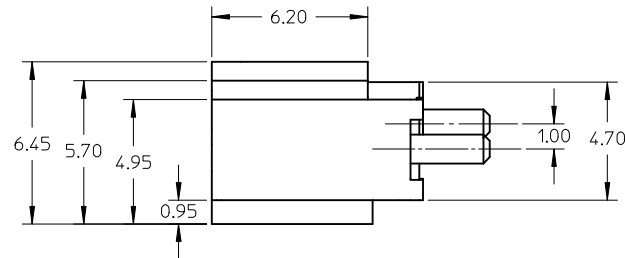
PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION



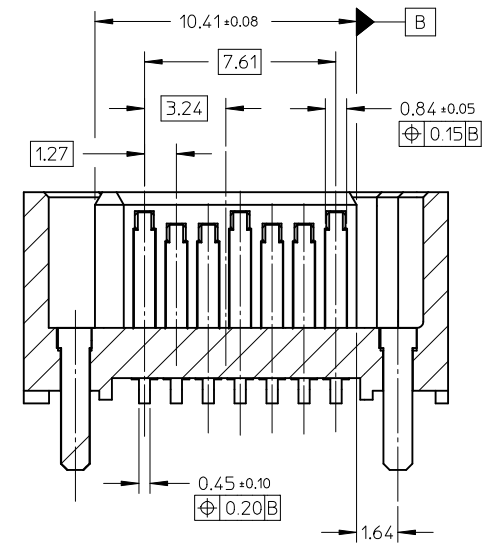
SECTION D-D



SECTION A-A



SECTION C-C



SECTION B-B

ADD PART NUMBER	
EC NO: SH2010-0232	2010/01/07
DRWN: XJ SONG	2010/01/11
CHKD: XJ SONG	2010/01/11
APPR: RZHANG	2010/01/14
REV	DESCRIPTION

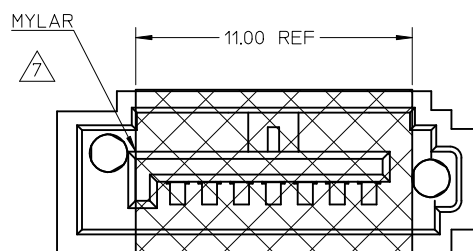
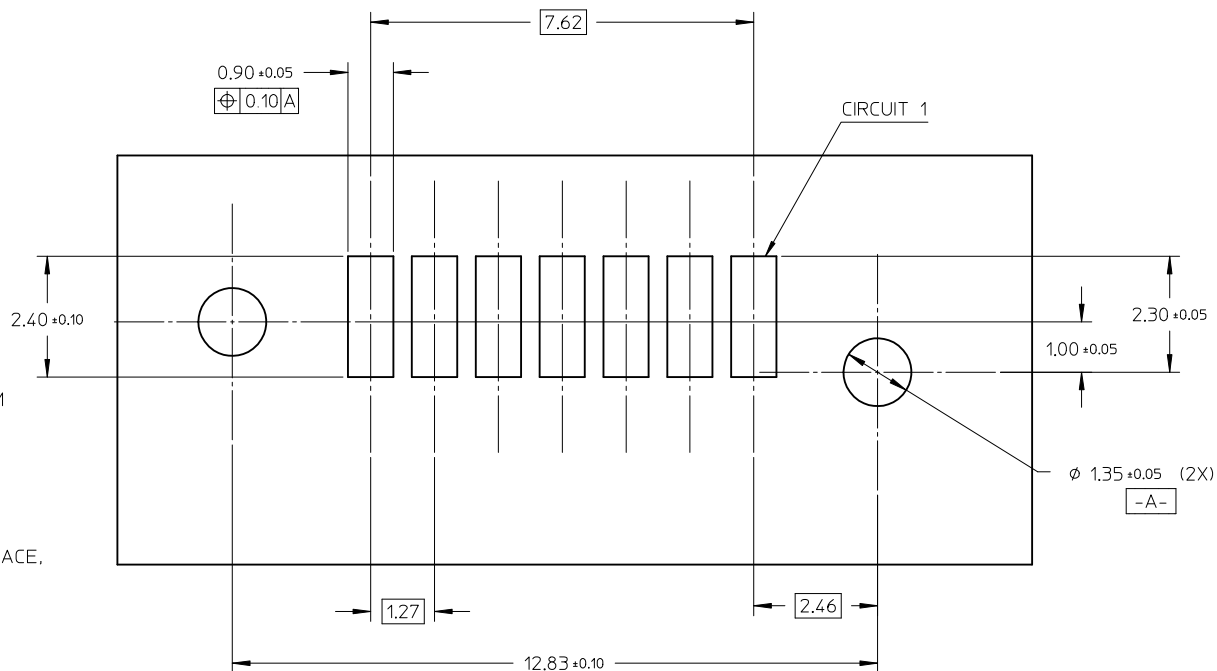
QUALITY SYMBOLS	
	=0
	=0

GENERAL TOLERANCES (UNLESS SPECIFIED)		
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.15	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 1 °		
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		

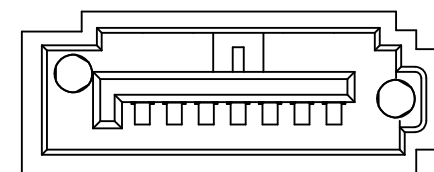
DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
JENNY	2005/07/22
CHECKED BY	DATE
GRMA	2005/07/22
APPROVED BY	DATE
YAP	2005/07/22
MATERIAL NO.	
SEE SHEET 2	
SIZE	
A3	

SCALE 5:1	DESIGN UNITS METRIC		THIRD ANGLE PROJECTION
TITLE HIGH SPEED CONNECTOR 1.27MM PITCH VERTICAL SMT SOLDER TAIL			
 MOLEX INCORPORATED			
DOCUMENT NO. SD-47306-001			SHEET NO. 1 OF 2
AINS INFORMATION THAT IS PROPRIETARY TO MOLEX SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

7. THE MYLAR STICKED ON THE HOUSING IS JUST USED FOR PICK-UP PLACE,
PLEASE REMOVE IT AFTER REFLOW



WITH MYLAR TYPE



WITHOUT MYLAR TYPE

473062105	SEE NOTE2(c)	2.65	WITHOUT	PK-47306-002
473062102	SEE NOTE2(b)			
473062101	SEE NOTE2(a)			
473065025	SEE NOTE2(c)	3.45	WITH	PK-47306-001
473065022	SEE NOTE2(b)			
473065021	SEE NOTE2(a)			
473065015	SEE NOTE2(c)	3.05		
473065012	SEE NOTE2(b)			
473065011	SEE NOTE2(a)			
473065005	SEE NOTE2(c)	2.65		
473065002	SEE NOTE2(b)			
473065001	SEE NOTE2(a)			
473062025	SEE NOTE2(c)	3.45	WITHOUT	
473062022	SEE NOTE2(b)			
473062021	SEE NOTE2(a)			
473062015	SEE NOTE2(c)	3.05		
473062012	SEE NOTE2(b)			
473062011	SEE NOTE2(a)			
473062005	SEE NOTE2(c)	2.65		
473062002	SEE NOTE2(b)			
473062001	SEE NOTE2(a)			
MATERIAL NO	PLATING TYPE	DIM A	MYLAR	PACKING

SEE SHEET1 EC NO: SHZ010-0232 DRWN:XJONG 2010/01/07 CHKD:XJONG 2010/01/11 APPR:RZHANG 2010/01/14	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION					
				mm	INCH	DRAWN BY JENNY	DATE 2005/07/22	TITLE HIGH SPEED CONNECTOR 1.27MM PITCH VERTICAL SMT SOLDER TAIL						
			4 PLACES	± ---	± ---	CHECKED BY	DATE							
			3 PLACES	± ---	± ---	GRMA	2005/07/22							
			2 PLACES	± 0.15	± ---	APPROVED BY	DATE							
			1 PLACE	± 0.25	± ---	YAP	2005/07/22	MOLEX MOLEX INCORPORATED						
			ANGULAR ± 1 °			MATERIAL NO.		DOCUMENT NO.					SHEET NO.	
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE TABLE		SD-47306-001					2 OF 2	
						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

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:

moschip.ru

moschip.ru_4

moschip.ru_6

moschip.ru_9