

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0473065005

Status:

Active

Overview:

serial_ata_products

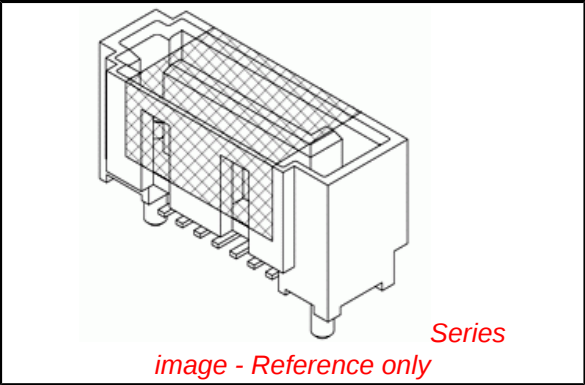
Description:

1.27mm (.050") Pitch Serial ATA High Speed Header, Vertical, Surface Mount, with Locking Latches, 7 Circuits, 0.38µm (15µ") Gold (Au) Plating, 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)	15
Plating min: Mating (µm)	0.38
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

Contains SVHC: No

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

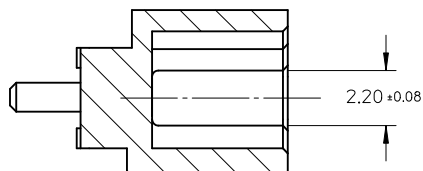
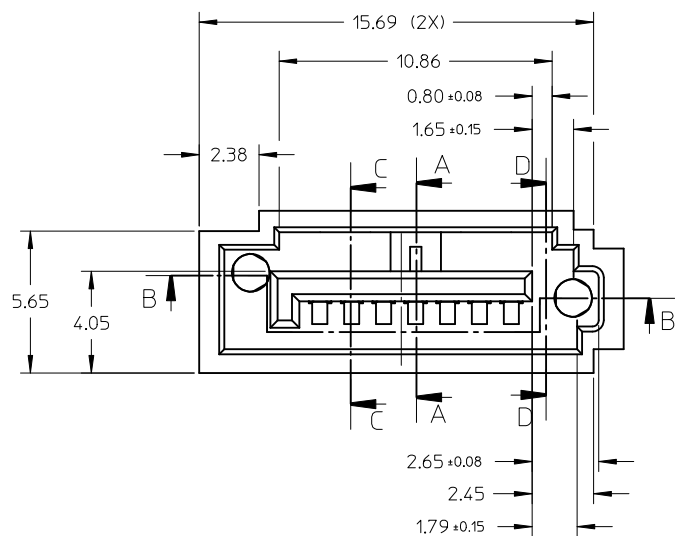
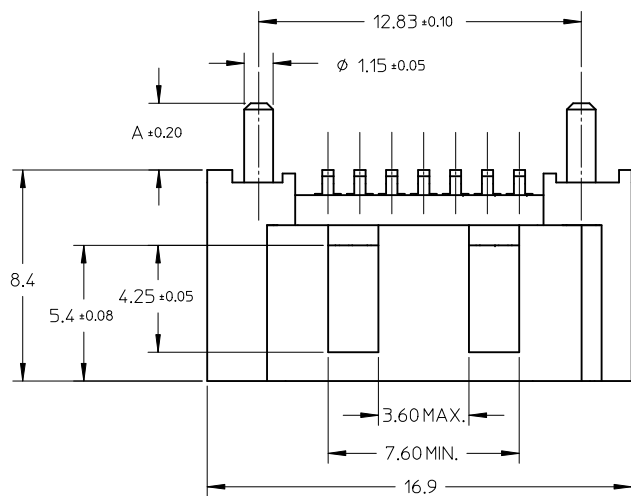
Material Info

Reference - Drawing Numbers

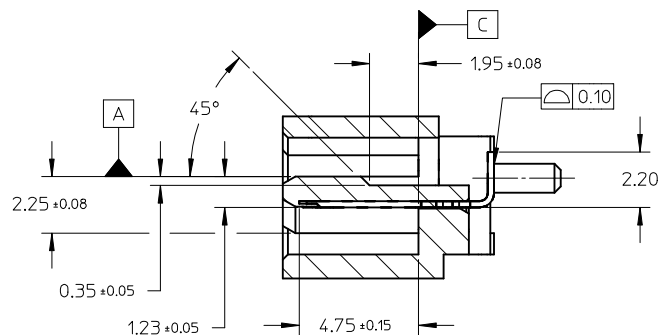
Packaging Specification	PK-47306-001
Product Specification	PS-67491-001
Sales Drawing	SD-47306-001

This document was generated on 05/26/2010

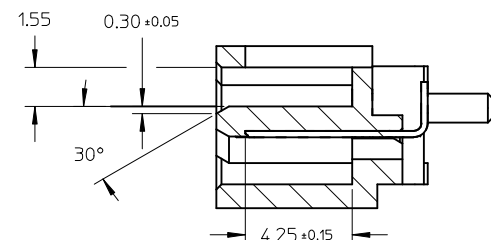
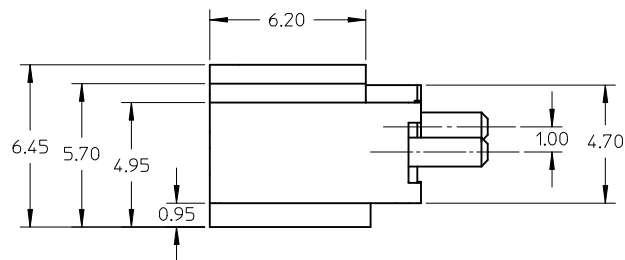
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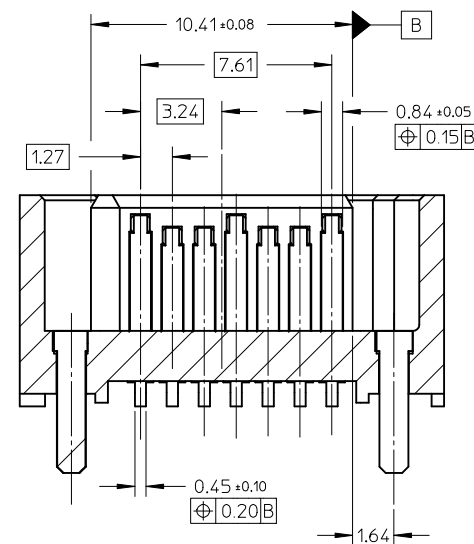
SECTION D-D



SECTION A-A



SECTION C-C



SECTION B-B

ADD PART NUMBER EC NO: SH2010-0232 DRWN:XJ SONG CHKD:XJ SONG APPR:RZHANG	2010/01/07 2010/01/11 2010/01/14	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◻=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 5:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				4 PLACES 3 PLACES 2 PLACES 1 PLACE ANGULAR ± 1 ° DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	mm INCH	DRAWN BY DATE		TITLE		
						JENNY 2005/07/22		HIGH SPEED CONNECTOR		
						CHECKED BY DATE		1.27MM PITCH VERTICAL		
						GRMA 2005/07/22		SMT SOLDER TAIL		
						APPROVED BY DATE		MOLEX MOLEX INCORPORATED		
YAP 2005/07/22		molex								
		MATERIAL NO.		DOCUMENT NO.		SHEET NO.				
		SEE SHEET2		SD-47306-001		1 OF 2				
		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. F 2006/09/16