

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

0473621003

Status:

Active

Overview:

serial_ata_127_host_receptacles

Description:

1.27mm (.050") Pitch Combo SATA Cable Connector, Straight Type, with Arris on both surface, without bumps, 0.38µm (15µ") Gold (Au), 22 Circuits, Lead Free

Documents:

3D Model

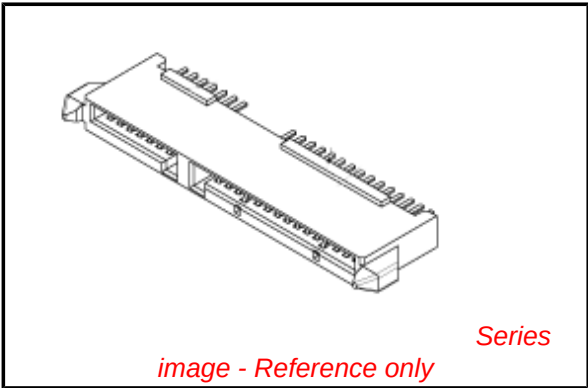
RoHS Certificate of Compliance (PDF)

Drawing (PDF)

General	
Product Family	I/O Connectors
Series	47362
Application	Wire-to-Board
Comments	Straight Type
Component Type	Receptacle
Overview	serial_ata_127_host_receptacles
Product Name	Serial ATA
Type	N/A

Physical	
Boot Color	N/A
Circuits (Loaded)	22
Circuits (maximum)	22
Circuits Detail	Signal 7, Power 15
Color - Resin	Black
Durability (mating cycles max)	50
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	None
Material - Metal	Copper Alloy
Material - Plating Mating	Gold
Material - Plating Termination	Tin
Number of Rows	1
Orientation	Straight
PCB Locator	No
PCB Retention	None
Packaging Type	Tray
Panel Mount	No
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
Ports	2
Temperature Range - Operating	-35°C to +85°C
Termination Interface: Style	Solder or Weld
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical



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

47362Series

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

Material Info

Reference - Drawing Numbers

Sales Drawing	SD-47362-100
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This document was generated on 05/19/2010

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10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

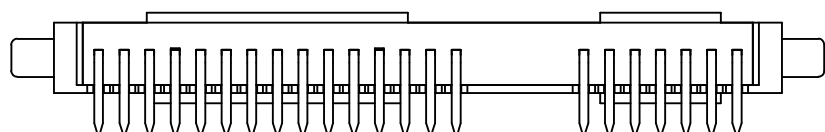
E

D

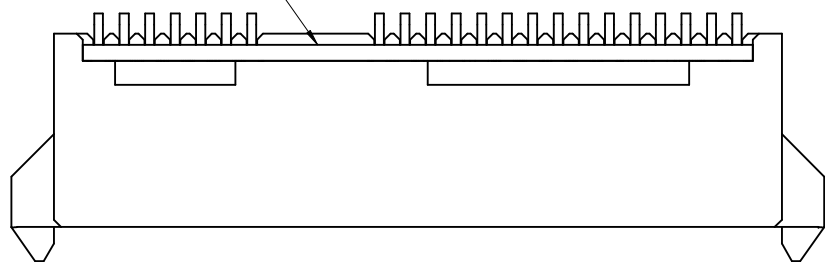
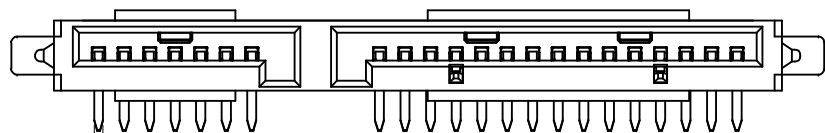
C

B

A

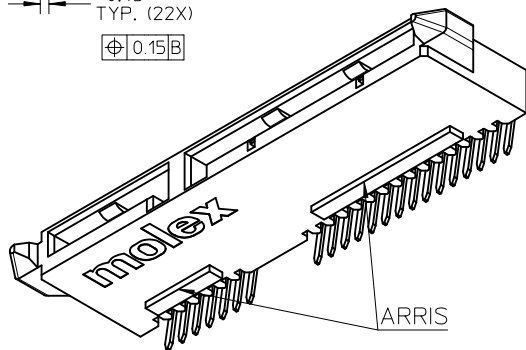


COVER



0,45 ±0,05
TYP. (22X)

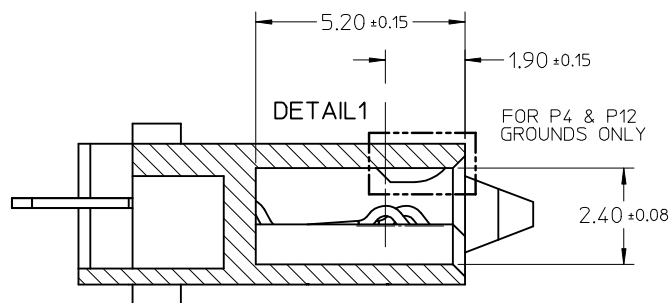
⌀ 0,15 B



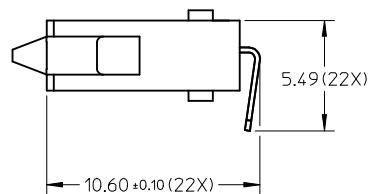
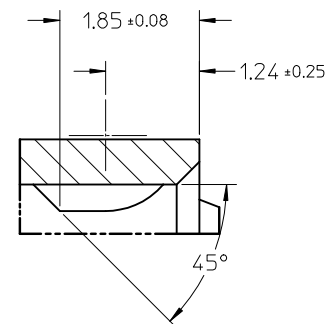
ARRIS

RIGHT ANGLE(90 DEGREE) TYPE

OTHER DIMENSIONS REFER TO STRAIGHT TYPE

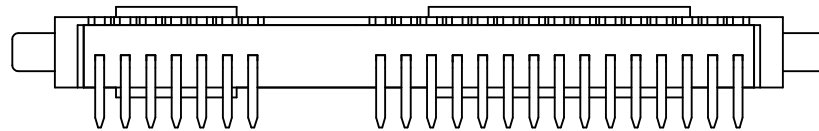
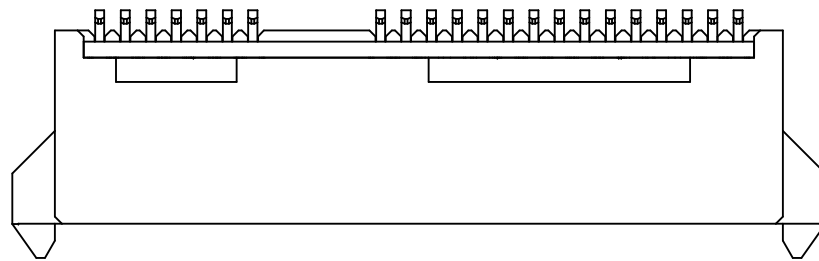
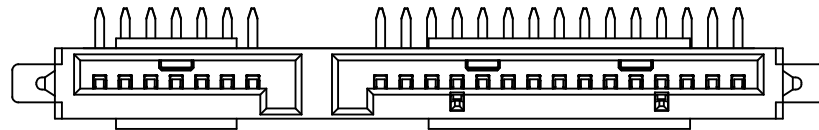
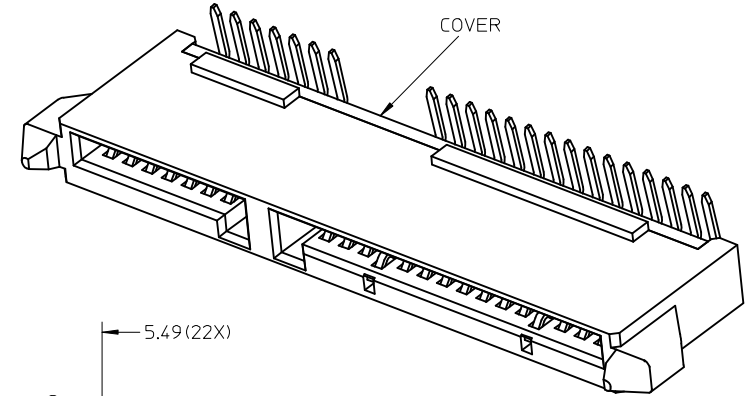
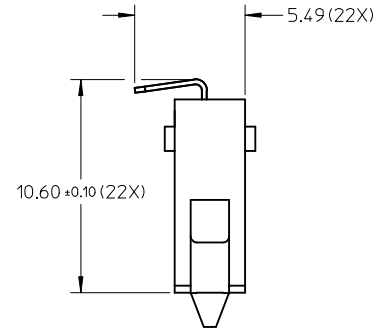


SECTION Z-Z



DETAIL1

SEE SHEET1 EC NO: SH2009-0500 2009/04/16 DRWN:XJ.SONG 2009/04/17 CHKD:XJ.SONG 2009/05/21 APPR:HWANG	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 BCHEN26	DATE 2005/12/05	TITLE COMBO SATA RECEPTACLE CABLE END		
			4 PLACES	± ---	± ---	CHECKED BY DIXON	DATE 2005/12/05				
			3 PLACES	± ---	± ---	APPROVED BY GRATE	DATE 2005/12/05				
			2 PLACES	± 0.2	± ---	MATERIAL NO. SEE SHEET4					
			1 PLACE	± 0.25	± ---						
			ANGULAR ± 3 °		DOCUMENT NO. SD-47362-100		SHEET NO. 2 OF 4				
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				
			SIZE A3								



RIGHT ANGLE(270 DEGREE) TYPE
OTHER DIMENSIONS REFER TO RIGHT ANGLE(90 DEGREE) TYPE

SEE SHEET1 EC NO: SH2009-0500 DRWN:X JSONG CHKD:X JSONG APPR:HWANG	REV	DESCRIPTION	QUALITY SYMBOLS <div>▽=0</div> <div>▽=0</div>	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	<div>THIRD ANGLE PROJECTION</div>	COMBO SATA RECEPTACLE CABLE END	
						DRAWN BY BCHEN26	DATE 2005/12/05	TITLE				
						CHECKED BY DIXON	DATE 2005/12/05					
						APPROVED BY GRATE	DATE 2005/12/05					MOLEX INCORPORATED
				ANGULAR ± 3 °		MATERIAL NO.		DOCUMENT NO.				
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE SHEET4		SD-47362-100				
						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	PLATE TYPE	REMARK	STRAIGHT OR R/A	P/N	PLATE TYPE	REMARK	STRAIGHT OR R/A												
F	47362-1000	GOLD FLASH	WITH ARRIS ON BOTH SURFACE WITH BUMPS	STRAIGHT TYPE	47362-3000	GOLD FLASH	WITH ARRIS ON BOTH SURFACE WITH BUMPS,WITH COVER	RIGHT ANGLE TYPE (270 DEGREE)		F										
	47362-1001	GOLD PLATED 0.76 MICRONS MIN.			47362-3001	GOLD PLATED 0.76 MICRONS MIN.														
	47362-1002	GOLD PLATED 0.38 MICRONS MIN.			47362-3002	GOLD PLATED 0.38 MICRONS MIN.														
	47362-1010	GOLD FLASH			47362-3010	GOLD FLASH														
	47362-1011	GOLD PLATED 0.76 MICRONS MIN.			47362-3011	GOLD PLATED 0.76 MICRONS MIN.														
	47362-1012	GOLD PLATED 0.38 MICRONS MIN.			47362-3012	GOLD PLATED 0.38 MICRONS MIN.														
E	47362-1020	GOLD FLASH	WITH ARRIS ON TOP SURFACE WITH BUMPS	STRAIGHT TYPE	47362-3020	GOLD FLASH	WITH ARRIS ON TOP SURFACE WITH BUMPS,WITH COVER	RIGHT ANGLE TYPE (270 DEGREE)		E										
	47362-1021	GOLD PLATED 0.76 MICRONS MIN.			47362-3021	GOLD PLATED 0.76 MICRONS MIN.														
	47362-1022	GOLD PLATED 0.38 MICRONS MIN.			47362-3022	GOLD PLATED 0.38 MICRONS MIN.														
	47362-1030	GOLD FLASH			47362-3030	GOLD FLASH														
	47362-1031	GOLD PLATED 0.76 MICRONS MIN.			47362-3031	GOLD PLATED 0.76 MICRONS MIN.														
	47362-1032	GOLD PLATED 0.38 MICRONS MIN.			47362-3032	GOLD PLATED 0.38 MICRONS MIN.														
D	47362-2000	GOLD FLASH	WITH ARRIS ON BOTH SURFACE WITH BUMPS,WITH COVER	RIGHT ANGLE TYPE (90 DEGREE)							D									
	47362-2001	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2002	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-2010	GOLD FLASH																		
	47362-2011	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2012	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-2020	GOLD FLASH																		
	47362-2021	GOLD PLATED 0.76 MICRONS MIN.																		
	47362-2022	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-2030	GOLD FLASH																		
C	47362-2031	GOLD PLATED 0.76 MICRONS MIN.	WITHOUT ARRIS WITH BUMPS,WITH COVER	RIGHT ANGLE TYPE (90 DEGREE)							C									
	47362-2032	GOLD PLATED 0.38 MICRONS MIN.																		
	47362-1003	GOLD PLATED 0.38 MICRONS MIN.										WITH ARRIS ON BOTH SURFACE WITHOUT BUMPS	STRAIGHT TYPE							
	47362-1082	GOLD PLATED 0.38 MICRONS MIN.										WITH ARRIS ON BOTH SURFACE WITH BUMPS	STRAIGHT TYPE							
A											A									
	<div>SEE SHEET1</div> <div>EC NO: SH2009-0500</div> <div>DRWN:X.JSONG 2009/04/16</div> <div>CHKD:X.JSONG 2009/04/17</div> <div>APPR:HWANG 2009/05/21</div> <div>REV</div>				QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE 4:1		DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION	COMBO SATA RECEPTACLE CABLE END	MATERIAL NO.	DOCUMENT NO.	SHEET NO.			
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								SIZE A3										THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
								SEE TABLE												