

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

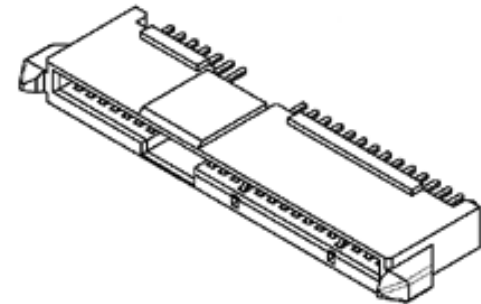
0473631001

Status:

Active

Description:

1.27mm (.050") Pitch Combo SAS Cable Connector, Straight Type, with Arris on both surface, 0.76µm (30µ") Gold(Au) Plating, 22 Circuits, LeadFree



Series

image - Reference only

Documents:

- [3D Model](#)
- [Drawing \(PDF\)](#)
- [Product Specification PS-47362-001 \(PDF\)](#)
- [RoHS Certificate of Compliance \(PDF\)](#)

General

Product Family	I/O Connectors
Series	47363
Application	Wire-to-Board
Component Type	Receptacle
Product Name	SAS
Type	N/A

Physical

Boot Color	N/A
Circuits (Loaded)	22
Circuits (maximum)	22
Circuits Detail	Signal 7, Power 15
Durability (mating cycles max)	50
Gender	Receptacle
Keying to Mating Part	Yes
Lock to Mating Part	Yes
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)	30
Plating min: Mating (µm)	0.76
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	Through Hole
Waterproof / Dustproof	No
Wire Size AWG	N/A

Electrical

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

Material Info

EU RoHS

ELV and RoHS
Compliant
REACH SVHC
Contains SVHC: No
Halogen-Free
Status

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
47363Series

Reference - Drawing Numbers

Product Specification
Sales Drawing

PS-47362-001
SD-47363-100

This document was generated on 04/12/2010

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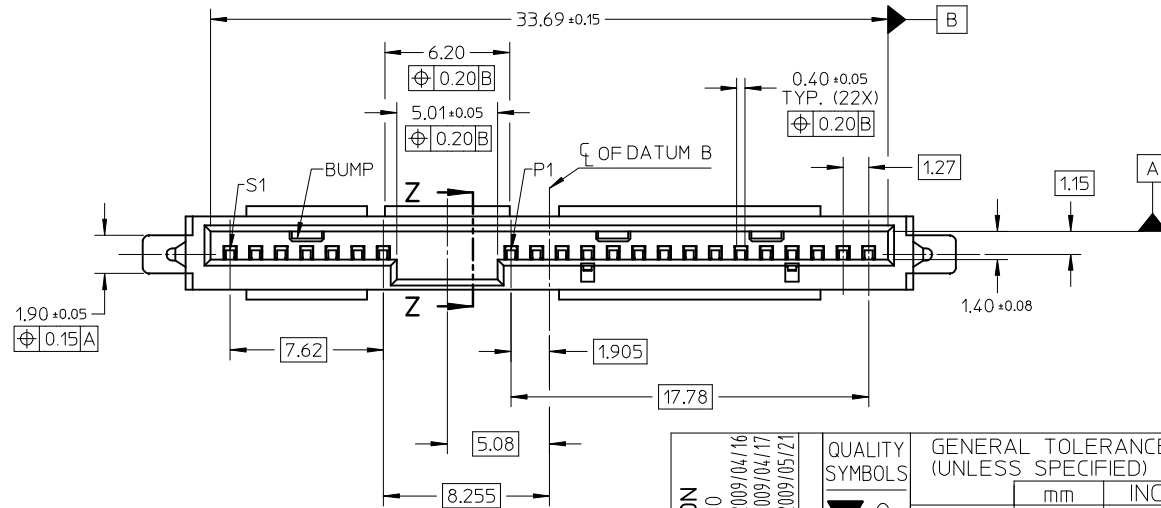
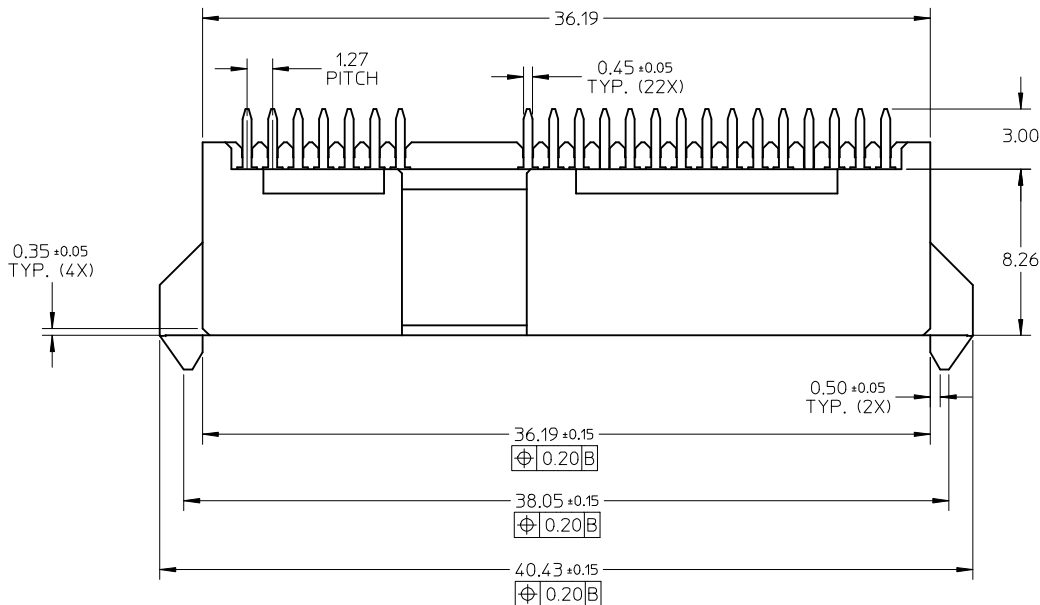
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NOTES:

1. MATERIAL:

HOUSING: THERMAL PLASTIC, GLASS FILLED, UL94V-0, COLOR: BLACK.
TERMINAL: COPPER ALLOY, THICKNESS=0.25MM.

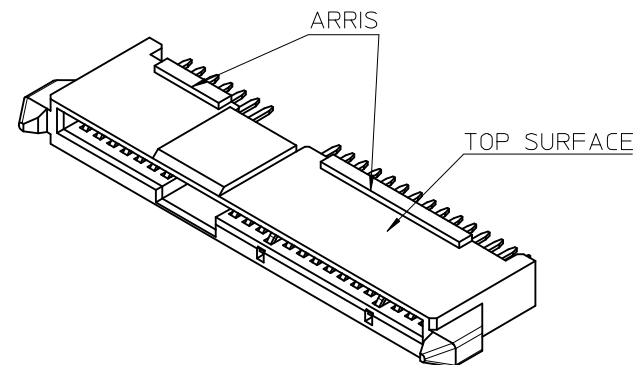
2. TERMINAL PLATING:

CONTACT AREA: GOLD PLATED, SEE TABLE.
SOLDER AREA: PURE TIN, THICKNESS=1.27 MICRONS MINIMUM.
UNDER PLATE: NICKLE, THICKNESS=1.27 MICRONS MINIMUM.

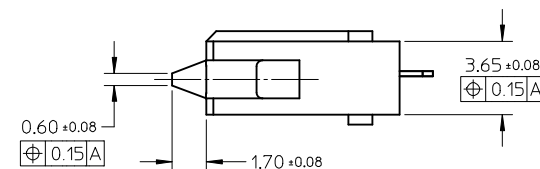
3. PRODUCT SPECIFICATION: REFER TO PS-47362-001.

4. PACKAGING METHOD: REFER TO PK-47362-001.

5. PRODUCT COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC

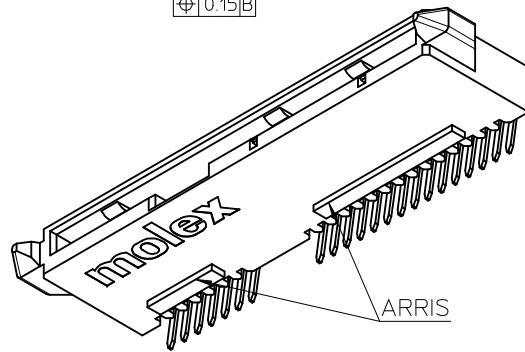
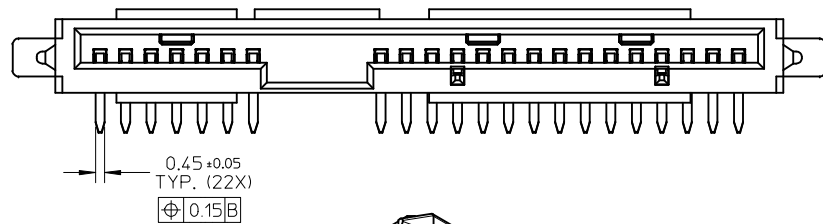
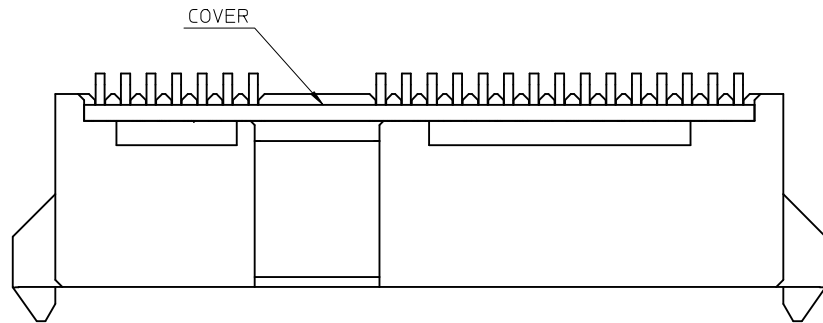
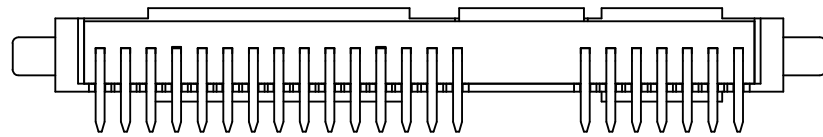


STRAIGHT TYPE

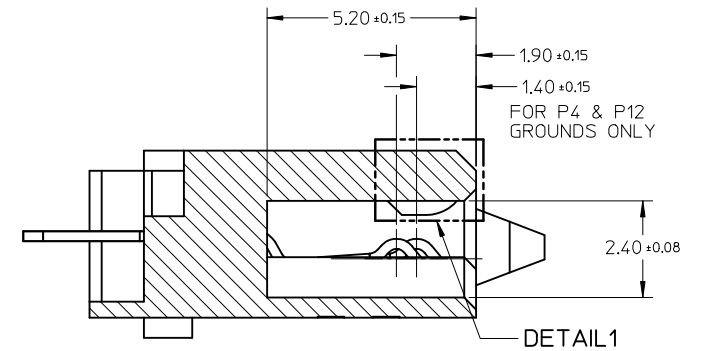


ADD NEW OPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 4:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
EC NO: SH2009-0500		▽=0		mm INCH		DRAWN BY DATE		TITLE			
DRWN:XJ SONG		▽=0		4 PLACES ± --- ± ---		BCHEN26 2005/12/05		COMBO SAS RECEPTACLE			
CHKD:XJ SONG				3 PLACES ± --- ± ---		CHECKED BY DATE		CABLE END			
APPR:HMWANG				2 PLACES ± 0.2 ± ---		DIXON 2005/12/05					
				1 PLACE ± 0.25 ± ---		APPROVED BY DATE		MOLEX MOLEX INCORPORATED			
				ANGULAR ± 3 °		GRATE 2005/12/05		DOCUMENT NO.		SHEET NO.	
				DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		MATERIAL NO.		SD-47363-100		1 OF 5	
						SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION			

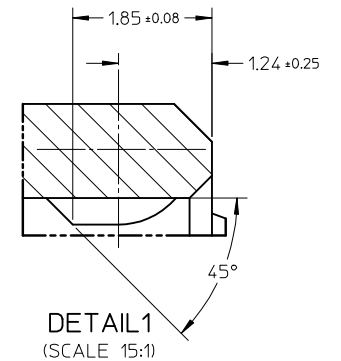
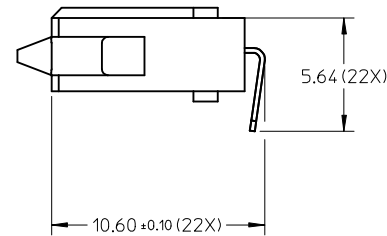
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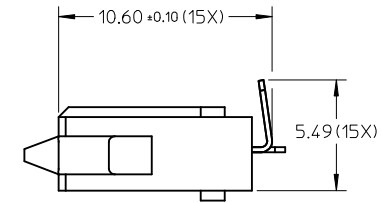
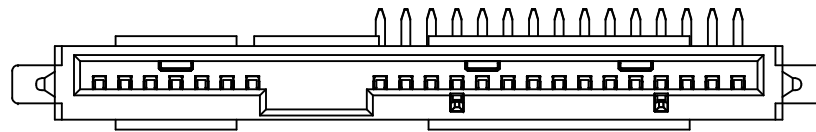
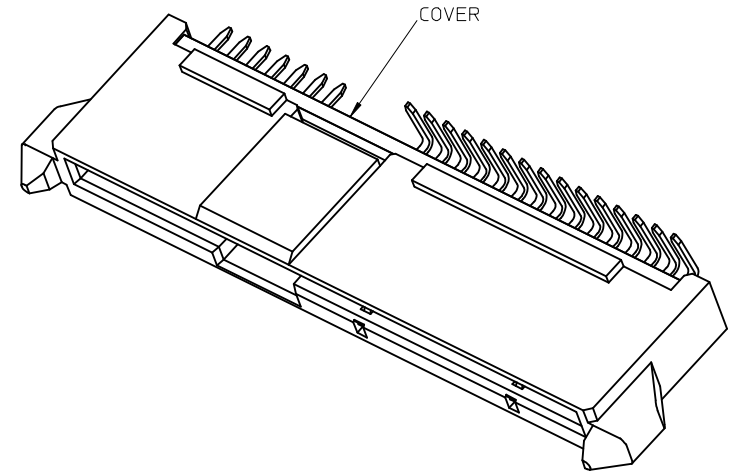
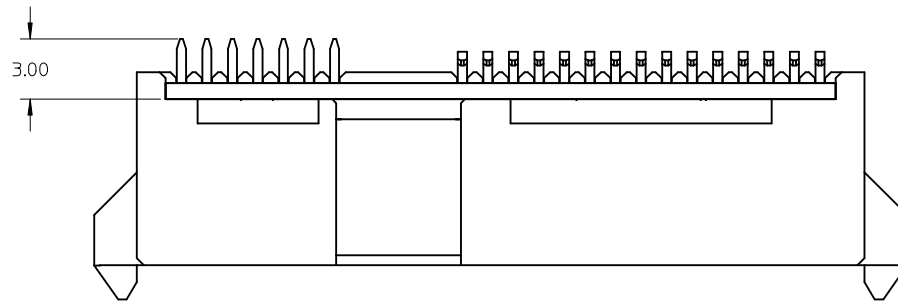
RIGHT ANGLE(90 DEGREE) TYPE
OTHER DIMENSIONS REFER TO STRAIGHT TYPE



SECTION Z-Z
(SCALE 8:1)



SEE SHEET1 EC NO: SH2009-0500 2009/04/16 TDRWN:X JSONG 2009/04/17 CHKD:X JSONG 2009/05/21 APPR:HWANG	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◁=0	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	COMBO SAS 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.		DOCUMENT NO.	SHEET NO.				
			1 PLACE ± 0.25 ± ---		SEE SHEETS5		SD-47363-100		2 OF 5			
			ANGULAR ± 3 °		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS									



COMPOSITE TYPE

OTHER DIMENSIONS REFER TO STRAIGHT TYPE OR RIGHT ANGLE(90 DEGREE) TYPE.

SEE SHEET1 EC NO: SH2009-0500 TDRWN:XJ SONG CHKD:XJ SONG APPR:HWANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽C=0	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	COMBO SAS RECEPTACLE CABLE END					
			4 PLACES	± ---	± ---	CHECKED BY DIXON	DATE 2005/12/05						
			3 PLACES	± ---	± ---	APPROVED BY GRATE			MOLEX MOLEX INCORPORATED				
			2 PLACES	± 0.2	± ---								
			1 PLACE	± 0.25	± ---	MATERIAL NO.			DOCUMENT NO.			SHEET NO. 3 OF 5	
			ANGULAR ± 3 °										
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								

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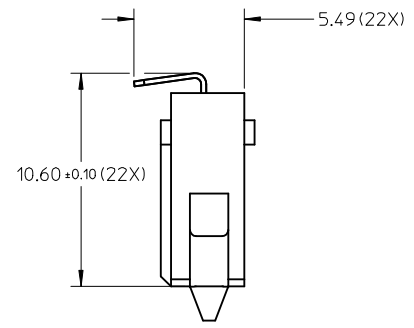
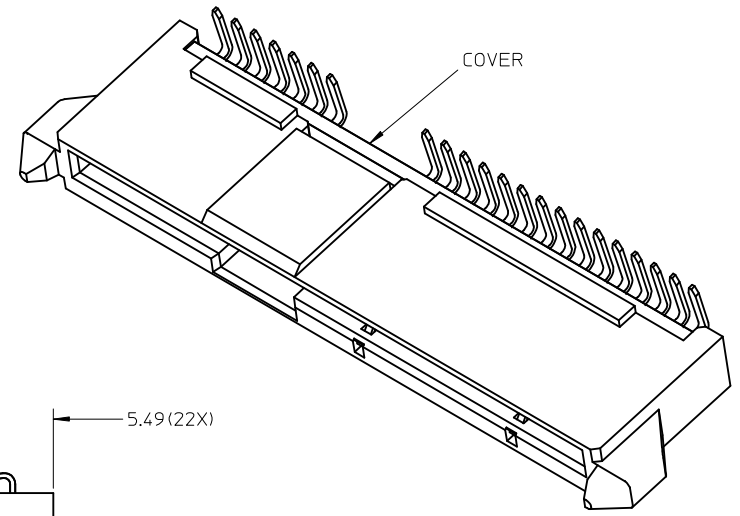
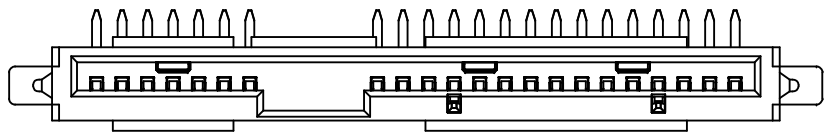
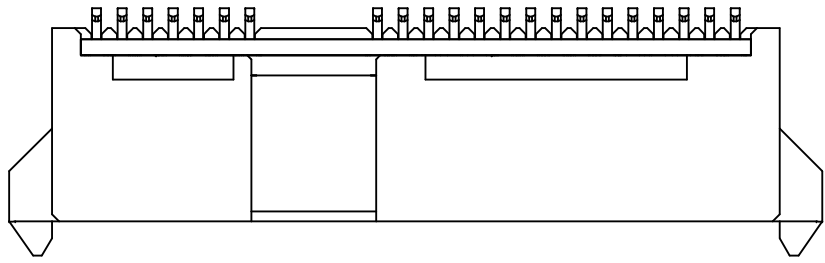
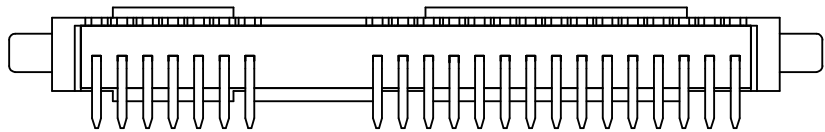
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RIGHT ANGLE(270 DEGREE)TYPE
OTHER DIMENSIONS REFER TO RIGHT ANGLE(90 DEGREE) TYPE.

SEE SHEET1 EC NO: SH2009-0500 DRAWN:XJ SONG 2009/04/16 CHK'D:XJ SONG 2009/04/17 APPR:HMWANG 2009/05/21	DESCRIPTION	QUALITY SYMBOLS ▽=0 ▽=0	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	COMBO SAS 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	± ---	MOLEX INCORPORATED						
			1 PLACE	± 0.25	± ---							
			ANGULAR ± 3 °			MATERIAL NO.		DOCUMENT NO.		SHEET NO.		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			SEE SHEET 5		SD-47363-100		4 OF 5				
REV						SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					

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P/N		PLATE TYPE		REMARK		STRAIGHT OR R/A		P/N		PLATE TYPE		REMARK		STRAIGHT OR R/A	
F	47363-1000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE		STRAIGHT TYPE		47363-4000		GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH COVER		RIGHT ANGLE TYPE (270 DEGREE)	
	47363-1001	GOLD PLATED 0.76 MICRONS MIN.						47363-4001		GOLD PLATED 0.76 MICRONS MIN.					
	47363-1002	GOLD PLATED 0.38 MICRONS MIN.						47363-4002		GOLD PLATED 0.38 MICRONS MIN.					
	47363-1010	GOLD FLASH		WITH ARRIS ON TOP SURFACE				47363-4010		GOLD FLASH					
	47363-1011	GOLD PLATED 0.76 MICRONS MIN.						47363-4011		GOLD PLATED 0.76 MICRONS MIN.					
	47363-1012	GOLD PLATED 0.38 MICRONS MIN.						47363-4012		GOLD PLATED 0.38 MICRONS MIN.					
47363-1020	GOLD FLASH		WITH ARRIS ON BOTTOM SURFACE		47363-4020			GOLD FLASH		WITH ARRIS ON BOTTOM SURFACE WITH COVER					
47363-1021	GOLD PLATED 0.76 MICRONS MIN.				47363-4021			GOLD PLATED 0.76 MICRONS MIN.							
47363-1022	GOLD PLATED 0.38 MICRONS MIN.				47363-4022			GOLD PLATED 0.38 MICRONS MIN.							
47363-1030	GOLD FLASH		WITHOUT ARRIS		47363-4030			GOLD FLASH		WITHOUT ARRIS WITH COVER					
47363-1031	GOLD PLATED 0.76 MICRONS MIN.				47363-4031			GOLD PLATED 0.76 MICRONS MIN.							
47363-1032	GOLD PLATED 0.38 MICRONS MIN.				47363-4032			GOLD PLATED 0.38 MICRONS MIN.							
E	47363-2000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH COVER		RIGHT ANGLE TYPE (90 DEGREE)									
47363-2001	GOLD PLATED 0.76 MICRONS MIN.														
47363-2002	GOLD PLATED 0.38 MICRONS MIN.														
47363-2010	GOLD FLASH		WITH ARRIS ON TOP SURFACE WITH COVER												
47363-2011	GOLD PLATED 0.76 MICRONS MIN.														
47363-2012	GOLD PLATED 0.38 MICRONS MIN.														
D	47363-2020	GOLD FLASH		WITH ARRIS ON BOTTOM SURFACE WITH COVER											
	47363-2021	GOLD PLATED 0.76 MICRONS MIN.													
	47363-2022	GOLD PLATED 0.38 MICRONS MIN.													
	47363-2030	GOLD FLASH		WITHOUT ARRIS WITH COVER											
	47363-2031	GOLD PLATED 0.76 MICRONS MIN.													
	47363-2032	GOLD PLATED 0.38 MICRONS MIN.													
C	47363-3000	GOLD FLASH		WITH ARRIS ON BOTH SURFACE WITH COVER		COMPOSITE TYPE									
	47363-3001	GOLD PLATED 0.76 MICRONS MIN.													
	47363-3002	GOLD PLATED 0.38 MICRONS MIN.													
	47363-3010	GOLD FLASH		WITH ARRIS ON TOP SURFACE WITH COVER											
	47363-3011	GOLD PLATED 0.76 MICRONS MIN.													
	47363-3012	GOLD PLATED 0.38 MICRONS MIN.													
47363-3020	GOLD FLASH		WITH ARRIS ON BOTTOM SURFACE WITH COVER												
47363-3021	GOLD PLATED 0.76 MICRONS MIN.														
47363-3022	GOLD PLATED 0.38 MICRONS MIN.														
B	47363-3030	GOLD FLASH		WITHOUT ARRIS WITH COVER											
	47363-3031	GOLD PLATED 0.76 MICRONS MIN.													
	47363-3032	GOLD PLATED 0.38 MICRONS MIN.													