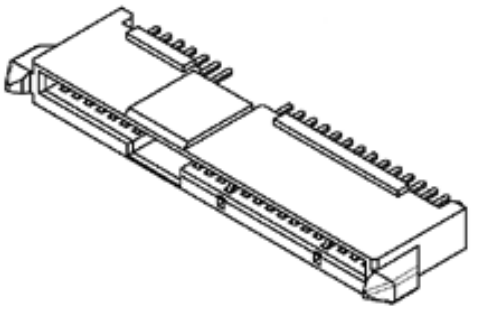
This document was generated on 04/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number: 0473631002

Status: Active

Description: 1.27mm (.050") Pitch Combo SAS Cable Connector, Straight Type, with Arris on both surface, 0.38µm (15µ") Gold (Au), 22 Circuits, Lead Free



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)	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	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
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.

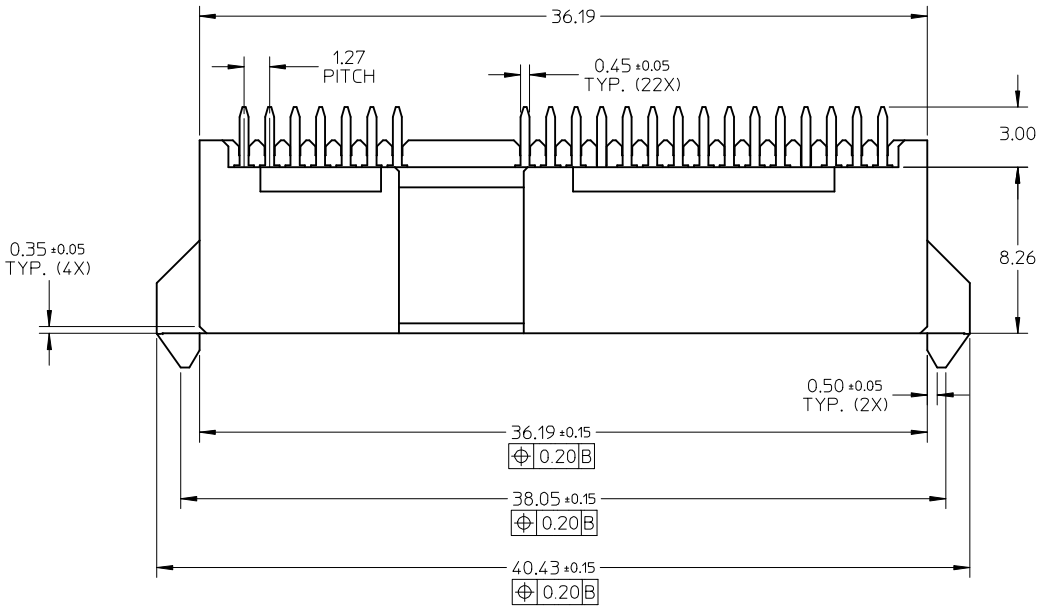
Search Parts in this Series
47363Series

Reference - Drawing Numbers

Product Specification	PS-47362-001
Sales Drawing	SD-47363-100

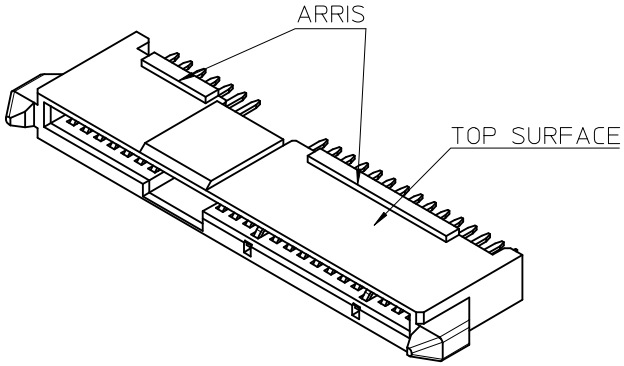
This document was generated on 04/21/2010

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

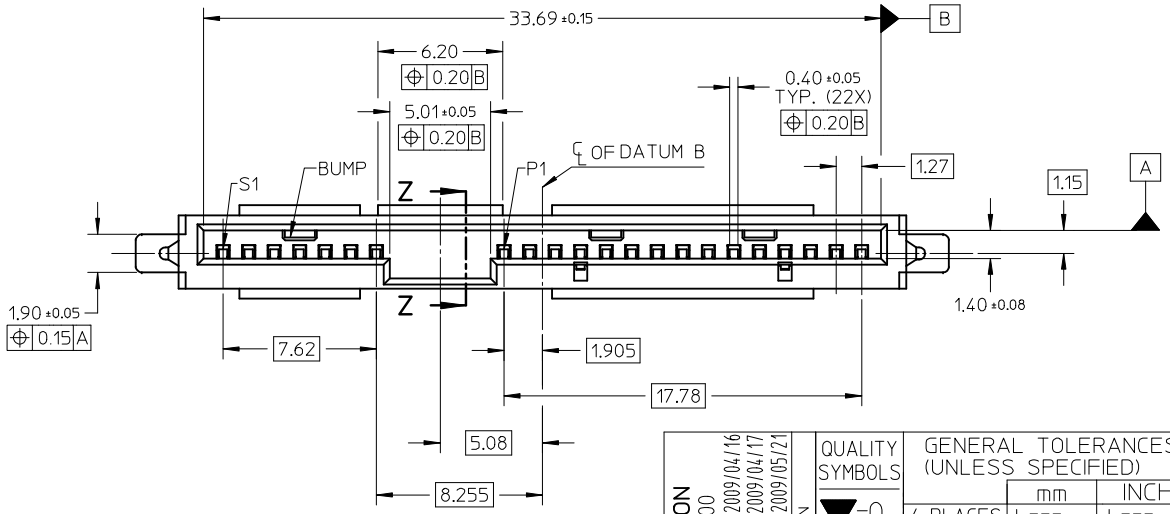


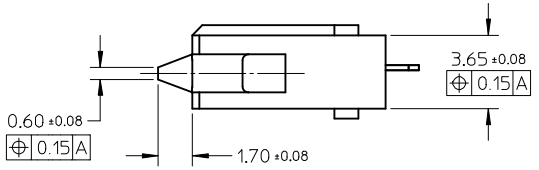
NOTES:

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	EC NO: SH2009-0500	2009/04/16	DESCRIPTION
	DRWN:XJSONG	2009/04/17	
	CH'KD:XJSONG	2009/05/21	
	APPR:HWANG		
REV			

QUALITY SYMBOLS
▼=0
Ⓒ▽=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS
MM ONLY	4:1	METRIC

THIRD ANGLE PROJECTION

DRAWN BY: BCHEN26	DATE: 2005/12/05
CHECKED BY: DIXON	DATE: 2005/12/05
APPROVED BY: GRATE	DATE: 2005/12/05

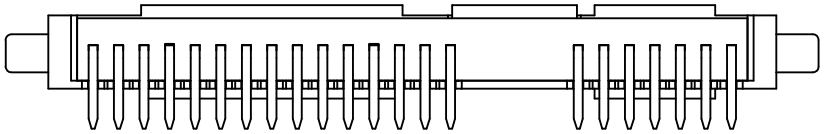
TITLE: COMBO SAS RECEPTACLE CABLE END

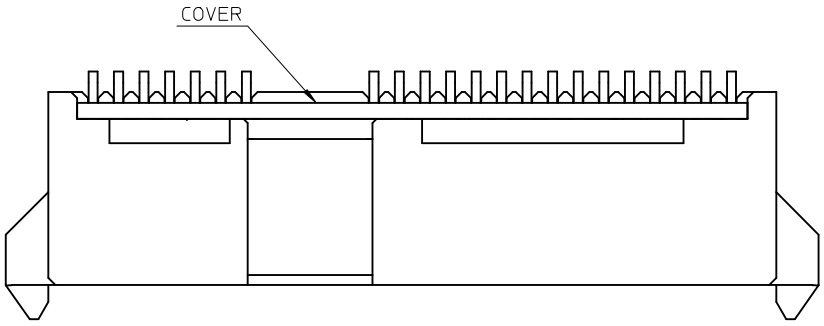
molex MOLEX INCORPORATED

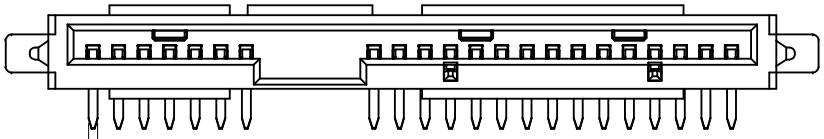
MATERIAL NO.	DOCUMENT NO.	SHEET NO.
SEE SHEET5	SD-47363-100	1 OF 5

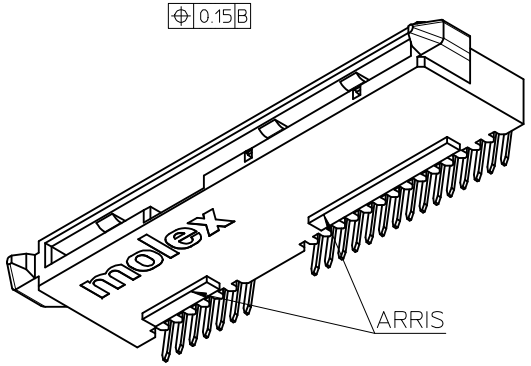
SIZE A3

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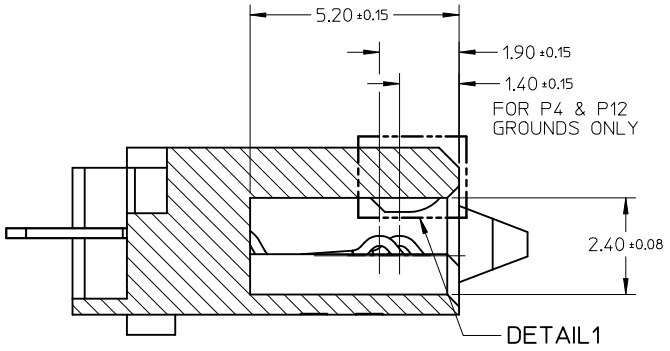




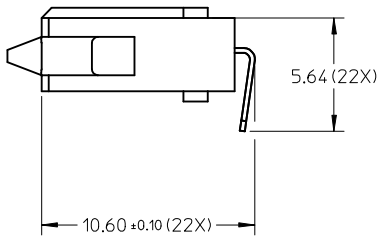


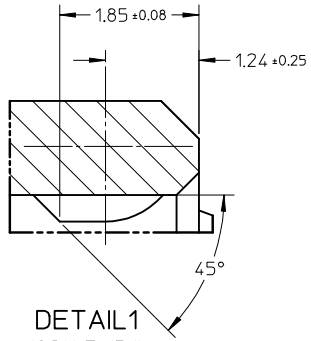


RIGHT ANGLE(90 DEGREE) TYPE
OTHER DIMENSIONS REFER TO STRAIGHT TYPE



SECTION Z-Z
(SCALE 8:1)





DETAIL1
(SCALE 15:1)

SEE SHEET1		
EC NO: SH2009-0500	2009/04/16	DESCRIPTION
DRWN:XJSONG	2009/04/17	
CHKD:XJSONG	2009/05/21	
APPR:HWWANG		REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

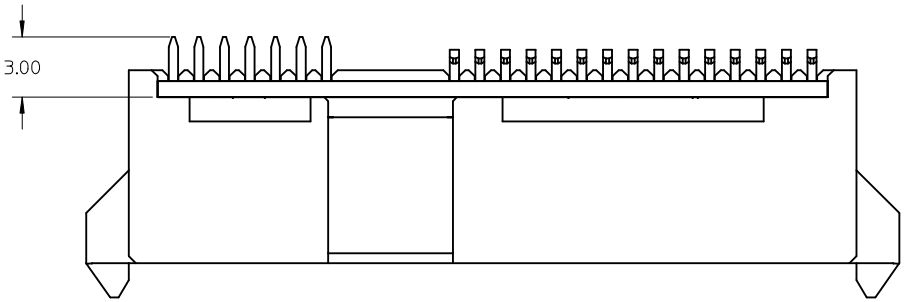
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

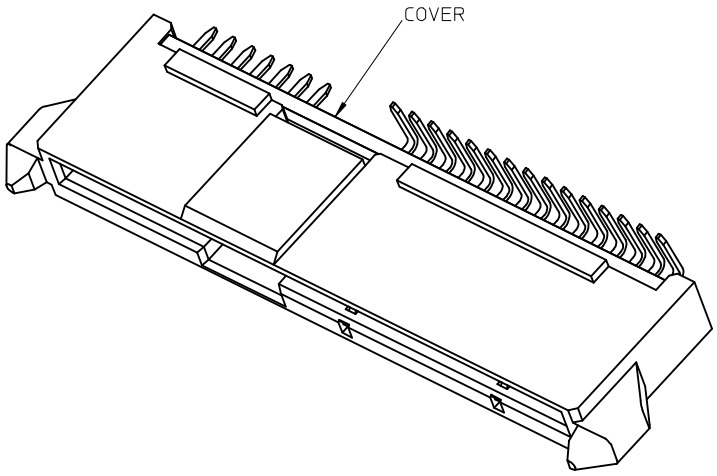
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

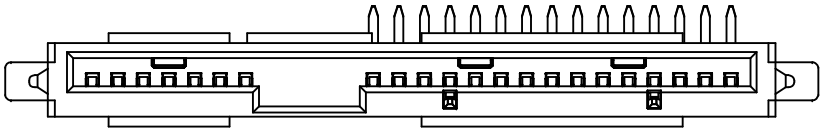
DIMENSION STYLE: MM ONLY	SCALE: 4:1	DESIGN UNITS: METRIC	THIRD ANGLE PROJECTION
DRAWN BY: BCHEN26 DATE: 2005/12/05	TITLE: COMBO SAS RECEPTACLE CABLE END		
CHECKED BY: DIXON DATE: 2005/12/05			
APPROVED BY: GRATE DATE: 2005/12/05	molex MOLEX INCORPORATED		
MATERIAL NO.: SEE SHEET5	DOCUMENT NO.: SD-47363-100	SHEET NO.: 2 OF 5	

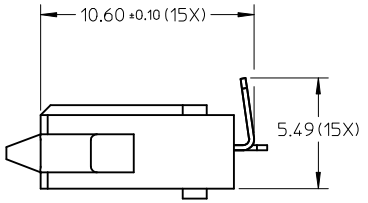
SIZE A3

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COMPOSITE TYPE

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

SEE SHEET1		
EC NO: SH2009-0500	2009/04/16	
DRWN:XJSONG	2009/04/17	
CHKD:XJSONG	2009/05/21	
APPR:HWWANG		
DESCRIPTION		
REV		

QUALITY SYMBOLS

▼=0

Ⓒ=0

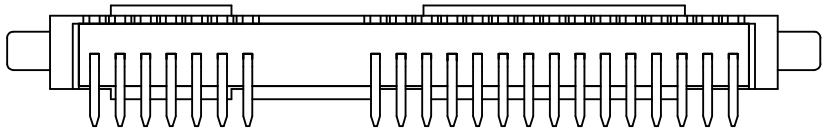
GENERAL TOLERANCES (UNLESS SPECIFIED)

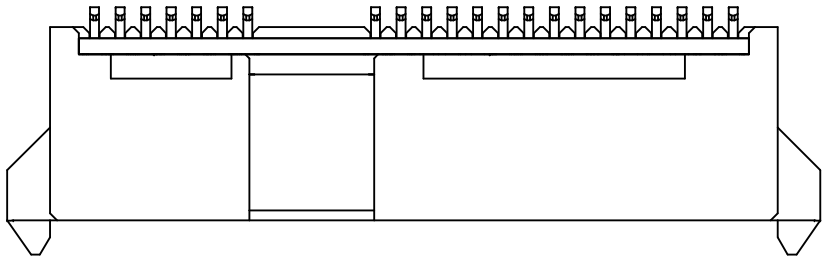
	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

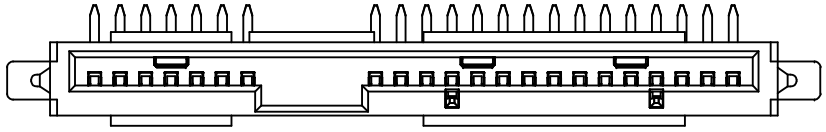
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

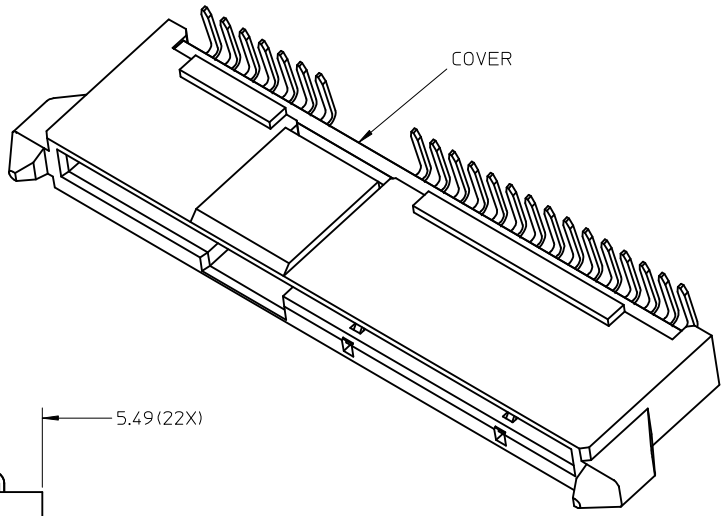
DIMENSION STYLE	MM ONLY
SCALE	4:1
DESIGN UNITS	METRIC
	THIRD ANGLE PROJECTION
DRAWN BY	BCHEN26
DATE	2005/12/05
CHECKED BY	DIXON
DATE	2005/12/05
APPROVED BY	GRATE
DATE	2005/12/05
MATERIAL NO.	SEE SHEET5
TITLE	COMBO SAS RECEPTACLE CABLE END
	MOLEX INCORPORATED
DOCUMENT NO.	SD-47363-100
SHEET NO.	3 OF 5
SIZE	A3

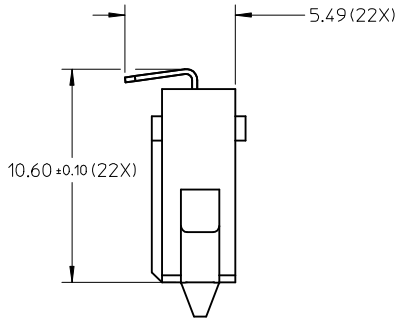
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RIGHT ANGLE(270 DEGREE)TYPE
OTHER DIMENSIONS REFER TO RIGHT ANGLE(90 DEGREE) TYPE.

SEE SHEET1			
EC NO: SH2009-0500	2009/04/16		
DRWN:XJSONG	2009/04/17		
CHKD:XJSONG	2009/05/21		
APPR:HWANG			
DESCRIPTION			
REV			

QUALITY SYMBOLS
▼=0
▽(C)=0

GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
MM ONLY	4:1	METRIC	
DRAWN BY: BCHEN26	DATE: 2005/12/05	TITLE: COMBO SAS RECEPTACLE CABLE END	
CHECKED BY: DIXON	DATE: 2005/12/05		
APPROVED BY: GRATE	DATE: 2005/12/05	molex MOLEX INCORPORATED	
MATERIAL NO.: SEE SHEET 5		DOCUMENT NO.: SD-47363-100	SHEET NO.: 4 OF 5
SIZE: A3			

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P/N	PLATE TYPE	REMARK	STRAIGHT OR R/A
47363-1000	GOLD FLASH	WITH ARRIS ON BOTH SURFACE	STRAIGHT TYPE
47363-1001	GOLD PLATED 0.76 MICRONS MIN.		
47363-1002	GOLD PLATED 0.38 MICRONS MIN.		
47363-1010	GOLD FLASH	WITH ARRIS ON TOP SURFACE	
47363-1011	GOLD PLATED 0.76 MICRONS MIN.		
47363-1012	GOLD PLATED 0.38 MICRONS MIN.		
47363-1020	GOLD FLASH	WITH ARRIS ON BOTTOM SURFACE	
47363-1021	GOLD PLATED 0.76 MICRONS MIN.		
47363-1022	GOLD PLATED 0.38 MICRONS MIN.		
47363-1030	GOLD FLASH	WITHOUT ARRIS	
47363-1031	GOLD PLATED 0.76 MICRONS MIN.		
47363-1032	GOLD PLATED 0.38 MICRONS MIN.		
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.		
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.		
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.		
47363-3030	GOLD FLASH	WITHOUT ARRIS WITH COVER	
47363-3031	GOLD PLATED 0.76 MICRONS MIN.		
47363-3032	GOLD PLATED 0.38 MICRONS MIN.		

P/N	PLATE TYPE	REMARK	STRAIGHT OR R/A
47363-4000	GOLD FLASH	WITH ARRIS ON BOTH SURFACE WITH COVER	RIGHT ANGLE TYPE (270 DEGREE)
47363-4001	GOLD PLATED 0.76 MICRONS MIN.		
47363-4002	GOLD PLATED 0.38 MICRONS MIN.		
47363-4010	GOLD FLASH	WITH ARRIS ON TOP SURFACE WITH COVER	
47363-4011	GOLD PLATED 0.76 MICRONS MIN.		
47363-4012	GOLD PLATED 0.38 MICRONS MIN.		
47363-4020	GOLD FLASH	WITH ARRIS ON BOTTOM SURFACE WITH COVER	
47363-4021	GOLD PLATED 0.76 MICRONS MIN.		
47363-4022	GOLD PLATED 0.38 MICRONS MIN.		
47363-4030	GOLD FLASH	WITHOUT ARRIS WITH COVER	
47363-4031	GOLD PLATED 0.76 MICRONS MIN.		
47363-4032	GOLD PLATED 0.38 MICRONS MIN.		

SEE SHEET1
EC NO: SH2009-0500 2009/04/16
DRWN:XJSONG 2009/04/17
CHKD:XJSONG 2009/05/21
APPR:HWWANG
DESCRIPTION
REV

QUALITY SYMBOLS
▼=0
Ⓒ=0

GENERAL TOLERANCES (UNLESS SPECIFIED)

	mm	INCH
4 PLACES	± ---	± ---
3 PLACES	± ---	± ---
2 PLACES	± 0.2	± ---
1 PLACE	± 0.25	± ---
ANGULAR ± 3 °		

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION STYLE: MM ONLY
SCALE: 4:1
DESIGN UNITS: METRIC
THIRD ANGLE PROJECTION

DRAWN BY: BCHEN26 DATE: 2005/12/05
CHECKED BY: DIXON DATE: 2005/12/05
APPROVED BY: GRATE DATE: 2005/12/05

TITLE: COMBO SAS RECEPTACLE CABLE END

MOLEX INCORPORATED

MATERIAL NO.: SEE TABLE
DOCUMENT NO.: SD-47363-100
SHEET NO.: 5 OF 5
SIZE: A3

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