

PLEASE CHECK WWW.MOLEX.COM FOR LATEST PART INFORMATION

Part Number:

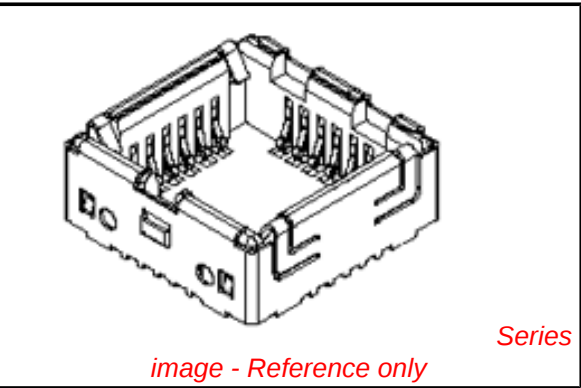
0473370001

Status:

Active

Description:

Camera Socket for Mobile Phone, Top Mount, SMT, Side Contact Type, 8.5x8.5



Documents:

3D Model

Drawing (PDF)

Product Specification PS-47337-001 (PDF)

RoHS Certificate of Compliance (PDF)

General	
Product Family	Other Sockets
Series	47337
Component Type	Socket
Product Name	Camera Socket
Physical	
Circuits (Loaded)	24
Circuits (maximum)	24
Color - Resin	Black
Durability (mating cycles max)	30
Entry Angle	Vertical
Keying to Mating Part	Yes
Material - Metal	Phosphor Bronze
Material - Plating Mating	Gold
Material - Plating Termination	Gold
Material - Resin	High Temperature Thermoplastic
PCB Locator	No
PCB Retention	N/A
PCB Thickness Recommended (in)	0.020 In
PCB Thickness Recommended (mm)	0.50 mm
Packaging Type	Embossed Tape on Reel
Pitch - Mating Interface (in)	0.035 In
Pitch - Mating Interface (mm)	0.90 mm
Pitch - Term. Interface (in)	0.035 In
Pitch - Term. Interface (mm)	0.90 mm
Plating min: Mating (µin)	12
Plating min: Mating (µm)	0.3
Plating min: Termination (µin)	3
Plating min: Termination (µm)	0.075
Temperature Range - Operating	-55°C to +85°C
Termination Interface: Style	Surface Mount

Electrical	
Current - Maximum per Contact	0.5A
Voltage - Maximum	50V 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	250

Material Info

Reference - Drawing Numbers	
Product Specification	PS-47337-001
Sales Drawing	SD-47337-001

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

47337Series

Mates With

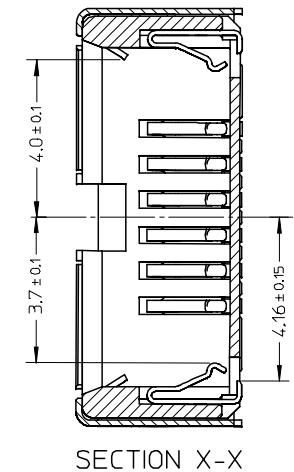
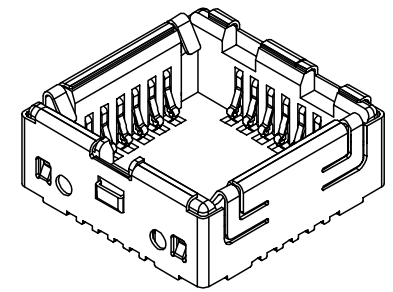
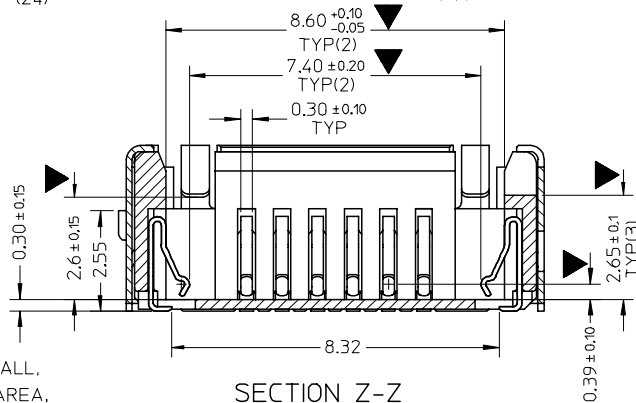
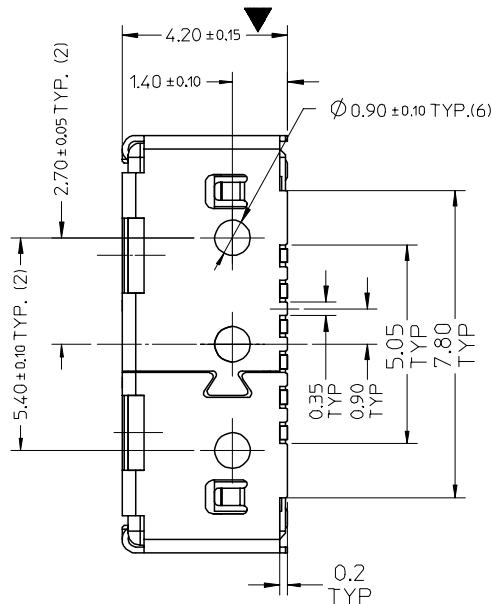
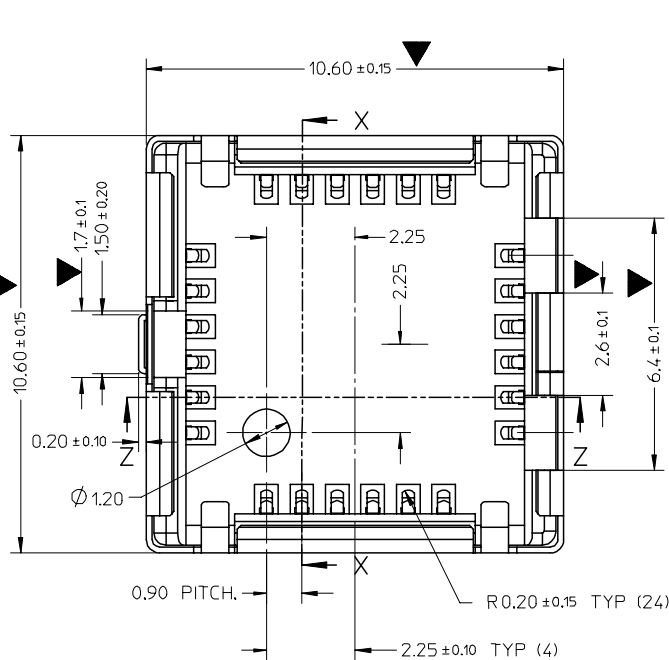
Camera Module

Use With

47337-0005 Cap

This document was generated on 03/31/2010

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NOTES:

1. MATERIALS

HOUSING: POLYAMIDE, BLACK, UL94 V-0
 TERMINAL: COPPER ALLOY.
 SHELL: COPPER ALLOY.
 TOP SHIELD: STAINLESS STEEL

2. FINISH

TERMINAL: 2-4 MICROMETER NICKEL UNDERPLATING OVERALL,
 GOLD PLATING 0.3 MICROMETER ON CONTACT AREA,
 GOLD FLASH PLATING ON SOLDER AREA.
 SHELL: 2-4 MICROMETER NICKEL UNDERPLATING OVERALL,
 GOLD PLATING ON SOLDER AREA.

3. PRODUCT SPECIFICATION: PS-47337-001

4. PACKAGING: TAPE&REEL

5. COPLANALITY TO BE 0.10MM MAX.

6. APPLICABLE TOP COVER 473370005.

7. APPLICABLE CAMERA MODULE SEE SHEET 3.

8. THE DRAWING EDITION 9 WILL MEET TOM LU'S DRAWING EDITION S6

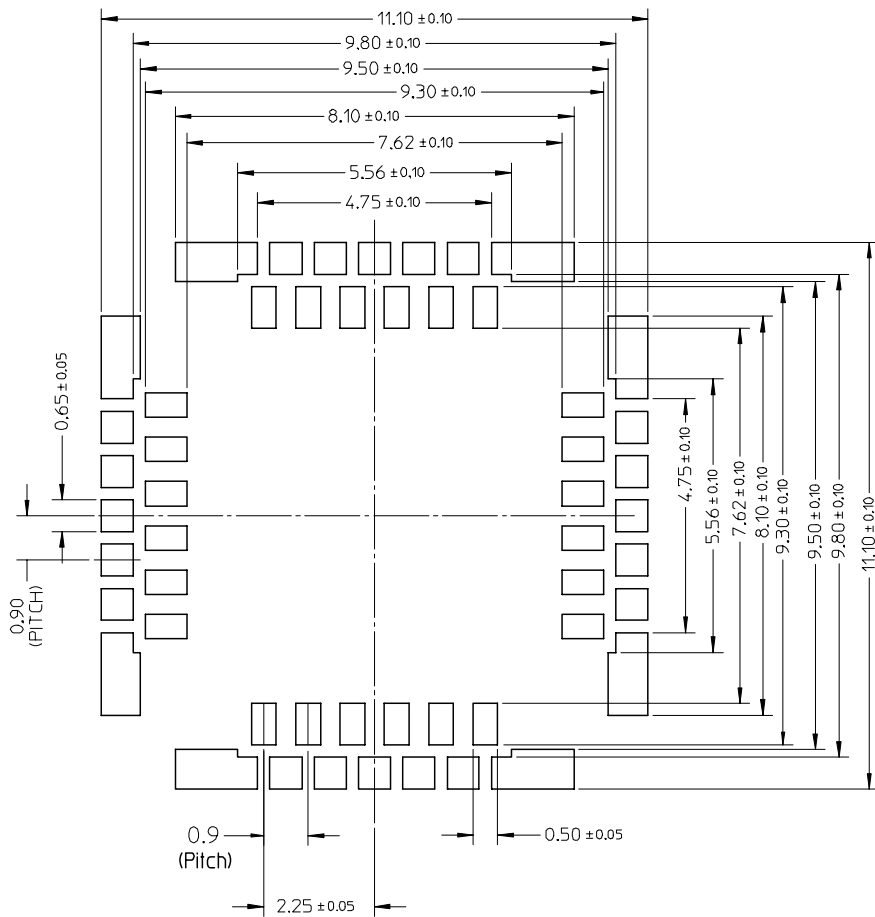
RELEASE	2006/06/16	2006/06/16	2006/06/16
EC NO:	DRWN: IHE	CHKD: XIXU	APPR: INCHE
A			

QUALITY SYMBOLS	▽=12	▽=0
DESCRIPTION		
REV		

GENERAL TOLERANCES (UNLESS SPECIFIED)	
mm	INCH
4 PLACES ± ---	± ---
3 PLACES ± ---	± ---
2 PLACES ± 0.10	± ---
1 PLACE ± 0.15	± ---
ANGULAR ± 1 °	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE	
MM ONLY	
DRAWN BY	DATE
IVAN HE	2006/06/16
CHECKED BY	DATE
XIXU	2006/06/16
APPROVED BY	DATE
JENNY CHEN	2006/06/16
MATERIAL NO.	
473370001	
SIZE	
A3	

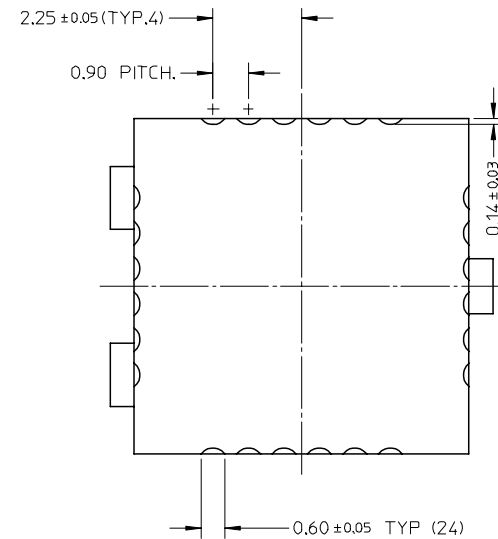
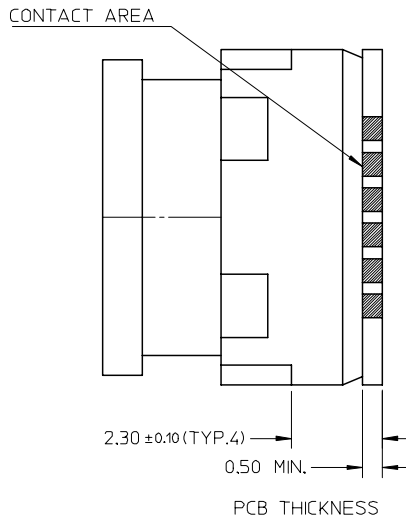
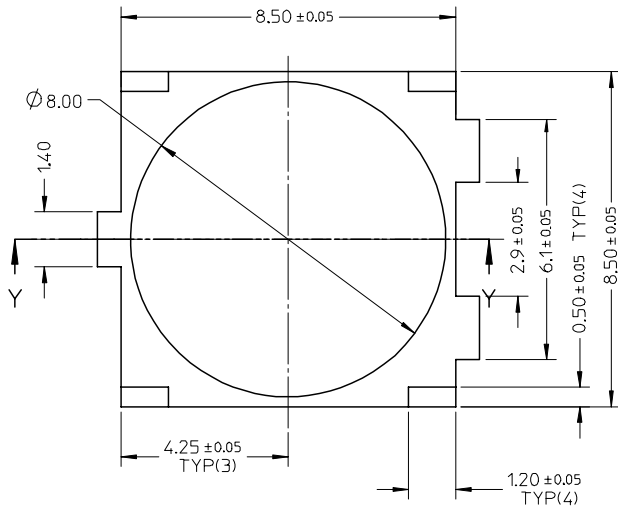
SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
8:1	METRIC	
TITLE		
8.5*8.5 CAMERA SOCKET		
SMT.SIDE CONTACT TYPE		
TOP MOUNT		
MOLEX INCORPORATED		
DOCUMENT NO.	SHEET NO.	
SD-47337-001	1 OF 3	
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		



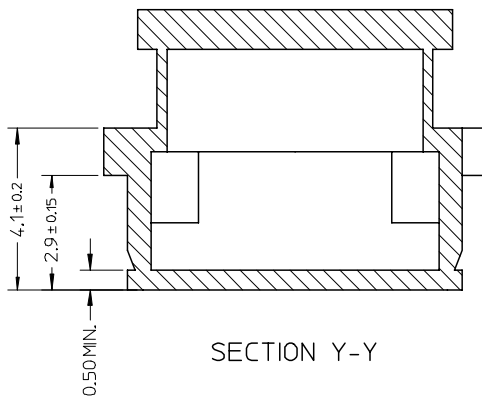
RECOMMENDED PCB LAYOUT

RELEASE EC NO: DRWN: IHE CHKD: XIXU APPR: JNCHEN A	REV	DESCRIPTION	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION				
					mm	INCH	DRAWN BY IVAN HE	DATE 2006/06/16	TITLE 8.5*8.5 CAMERA SOCKET SMT.SIDE CONTACT TYPE TOP MOUNT					
				4 PLACES	± ---	± ---	CHECKED BY XIXU	DATE 2006/06/16						
				3 PLACES	± ---	± ---	APPROVED BY JENNY CHEN		DATE 2006/06/16	MOLEX INCORPORATED				
				2 PLACES	± 0.10	± ---	MATERIAL NO. 47337-0001		DOCUMENT NO. SD-47337-001					
1 PLACE	± 0.15	± ---	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS											
		ANGULAR		± 1										
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION														

APPLIED CAMERA MODULE



FOR PCB (PTH)



SECTION Y-Y

RELEASE EC NO: 2006/06/16 DRWN: IHE CHKD: XIXU APPR: JNCHEN 2006/06/26	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ◇=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
				mm	INCH	DRAWN BY IVAN HE	DATE 2006/06/16	TITLE 8.5*8.5 CAMERA SOCKET SMT.SIDE CONTACT TYPE TOP MOUNT	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	XIXU	2006/06/16		
			2 PLACES	± 0.10	± ---	APPROVED BY	DATE		
			1 PLACE	± 0.15	± ---	JENNY CHEN	2006/06/16	 MOLEX INCORPORATED	
			ANGULAR ± 1 °		MATERIAL NO. 47337-0001		DOCUMENT NO. SD-47337-001		
A			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				