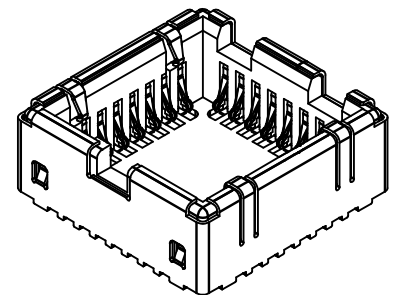
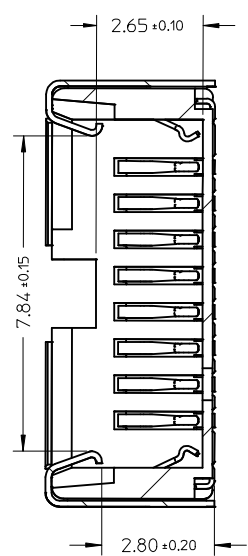
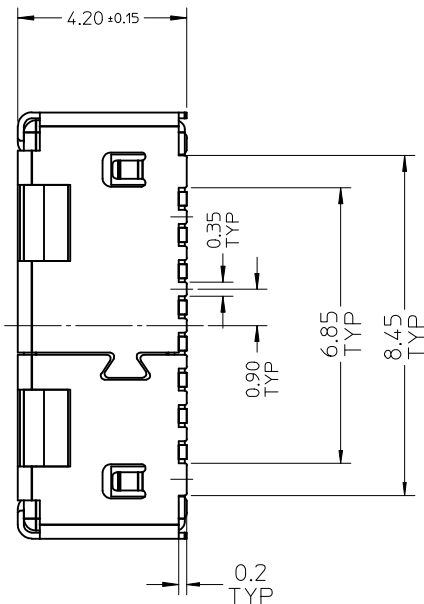
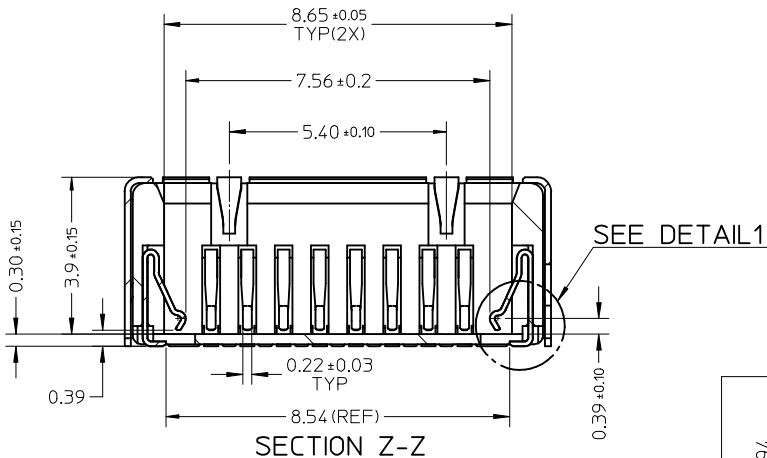
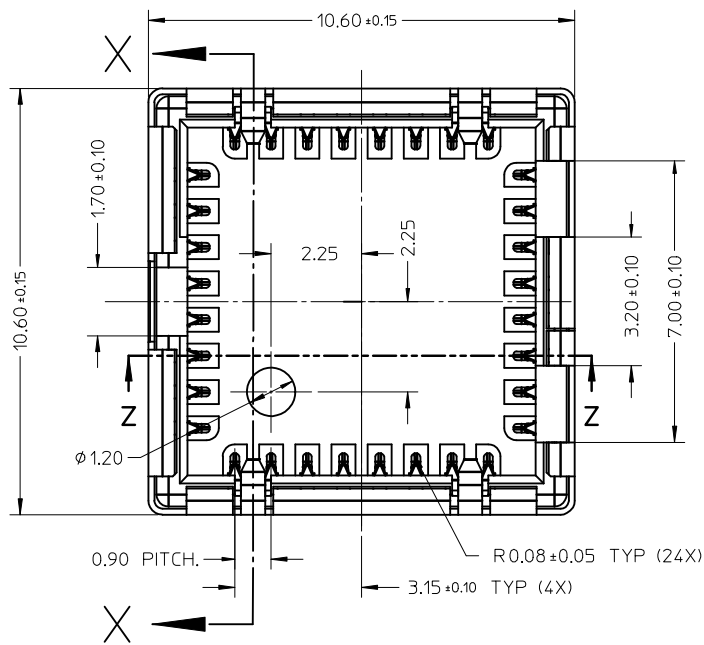


10 9 8 7 6 5 4 3 2 1



NO SOLDER PASTE
AND WICKING ALLOWED.



- NOTES:
1. MATERIALS
HOUSING: LCP, BLACK, UL94 V-0
TERMINAL: COPPER ALLOY.
SHELL: SEE CHART.
 2. FINISH
TERMINAL: 2-4 MICROMETER NICKEL UNDERPLATING OVERALL,
GOLD PLATING 0.3 MICROMETER ON CONTACT AREA,
GOLD FLASH PLATING ON SOLDER AREA.
SHELL:SEE CHART.
 3. PRODUCT SPECIFICATION: PS-105028-001
 4. PAKAGING: TAPE&REEL
 5. COPLANALITY TO BE 0.08MM MAX.
 6. APPLICABLE CAMERA MODULE SEE SHEET 3.

RELEASE
EC NO: SH2009-0694
2009/05/07
DRWN:WFDENG
CHKD:WFDENG
2009/05/08
APPR:
A

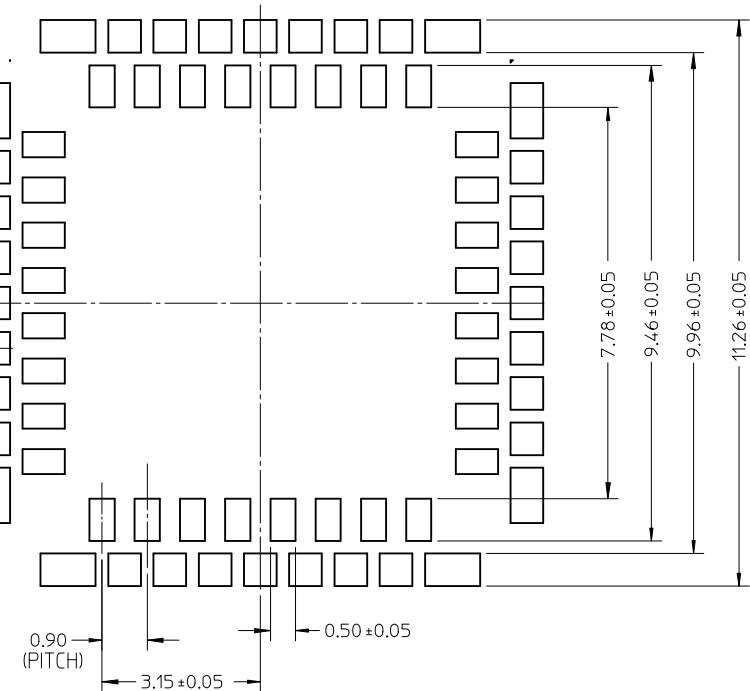
QUALITY
SYMBOLS
DESCRIPTION
REV

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
PATRICK CHU	2007/06/16
CHECKED BY	DATE
YLZHU	2007/06/16
APPROVED BY	DATE
HWWANG	2007/06/16
MATERIAL NO.	
1050280001	
SIZE	A3

P/N	SHELL MATERIAL	SHELL FINISH
1050280010	NICKEL SILVER	NON PLATED
1050280001	COPPER ALLOY	GOLD FLASH ON SOLDERING AREA OVER 127 MICRON MIN. NICKEL UNDER PLATING
SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE 8.5*8.5 CAMERA SOCKET SIDE CONTACT TYPE TOP MOUNT		
MOLEX INCORPORATED		
DOCUMENT NO. SD-105028-001		SHEET NO. 1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		

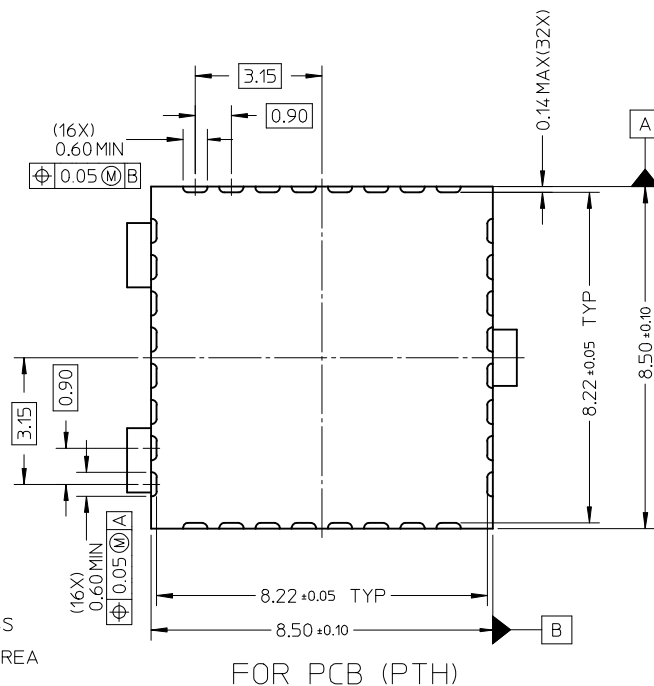
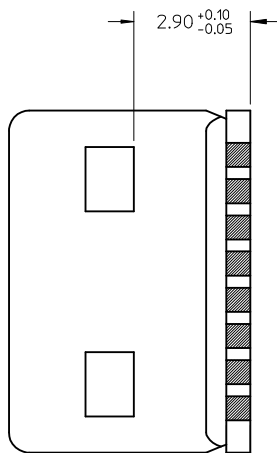
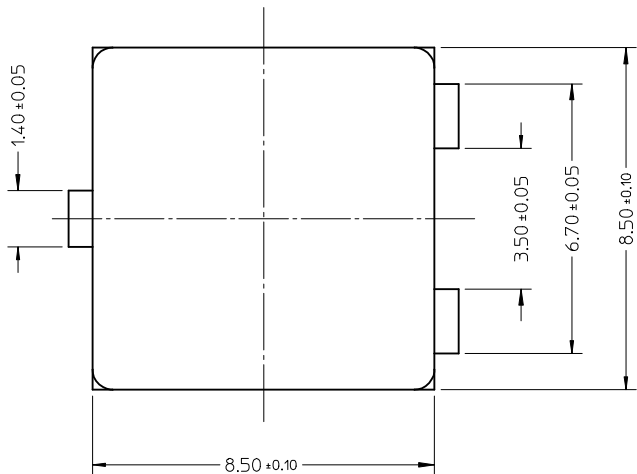
9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT
TOLERANCE ±0.05 MM

PROPOSAL EC NO: SH2009-0694 2009/05/07 DRWN:WFDENG CHKD:WFDENG 2009/05/08 APPR: A	DESCRIPTION REV	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 PATRICK CHU	DATE 2007/06/16	TITLE 8.5*8.5 CAMERA SOCKET SIDE CONTACT TYPE TOP MOUNT MOLEX MOLEX INCORPORATED	
			4 PLACES	± ---	± ---	CHECKED BY	DATE		
			3 PLACES	± ---	± ---	YLZHU	2007/06/16		
			2 PLACES	± 0.10	± ---	APPROVED BY	DATE		
			1 PLACE	± 0.15	± ---	HWWANG	2007/06/16		
			ANGULAR ± 1 °			MATERIAL NO. 1050280001		DOCUMENT NO. SD-105028-001	
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						

APPLIED CAMERA MODULE



FOR PCB (PTH)

PROPOSAL EC NO: SH2009-0694 2009/05/07 DRWN:WFDENG 2009/05/08 CHKD:WFDENG 2009/05/11 APPR:HWANG	DESCRIPTION REV	QUALITY SYMBOLS ▽=0 ▽=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
A			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		

10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

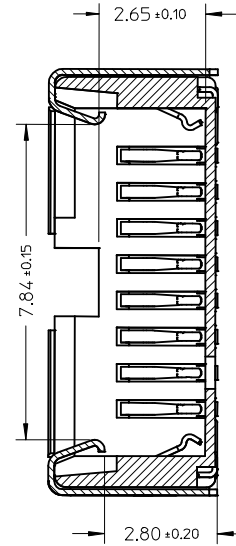
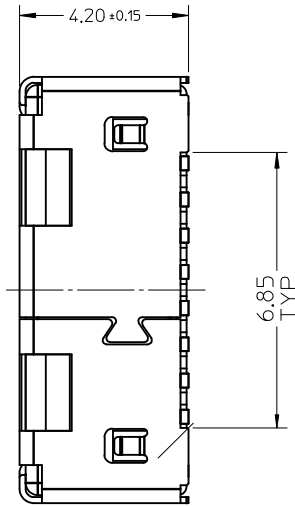
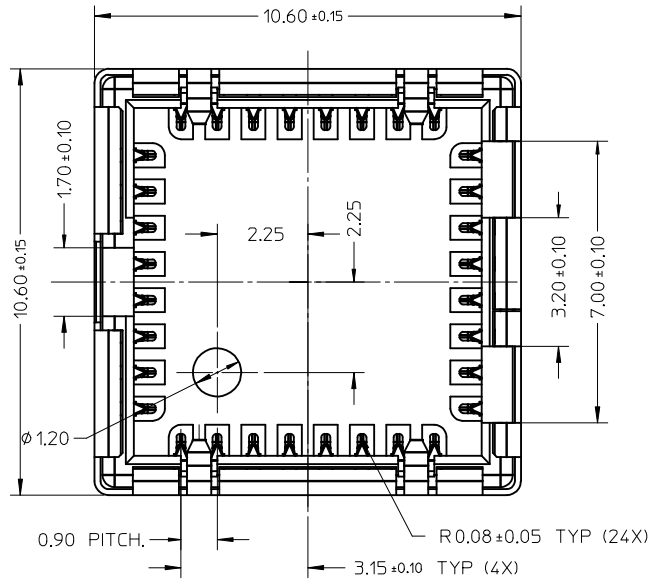
E

D

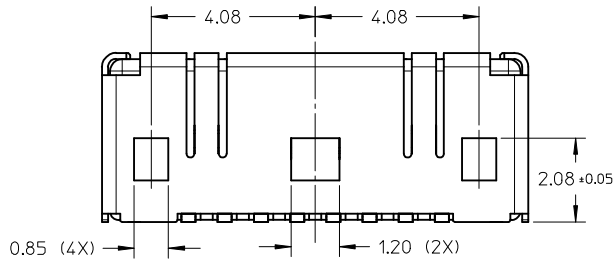
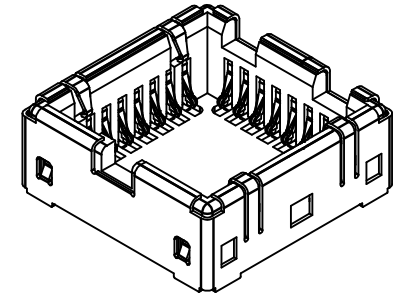
C

B

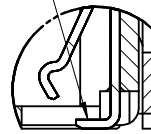
A



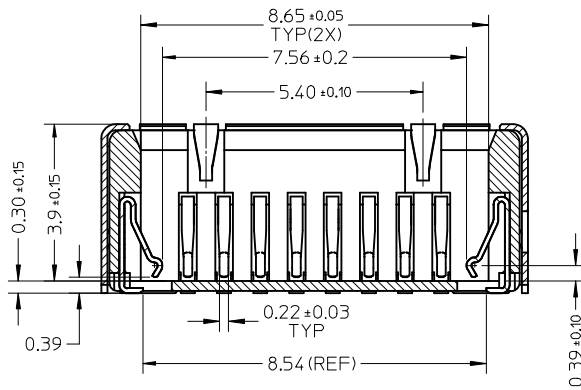
SECTION X-X



NO SOLDER PASTE
AND WICKING ALLOWED.



DETAIL 1



SECTION Z-Z

NOTES:

1. MATERIALS

HOUSING: LCP, BLACK, UL94 V-0

TERMINAL: COPPER ALLOY.

SHELL: COPPER ALLOY

2. FINISH

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

SHELL: SEE THE TABLE OF PAGE 2

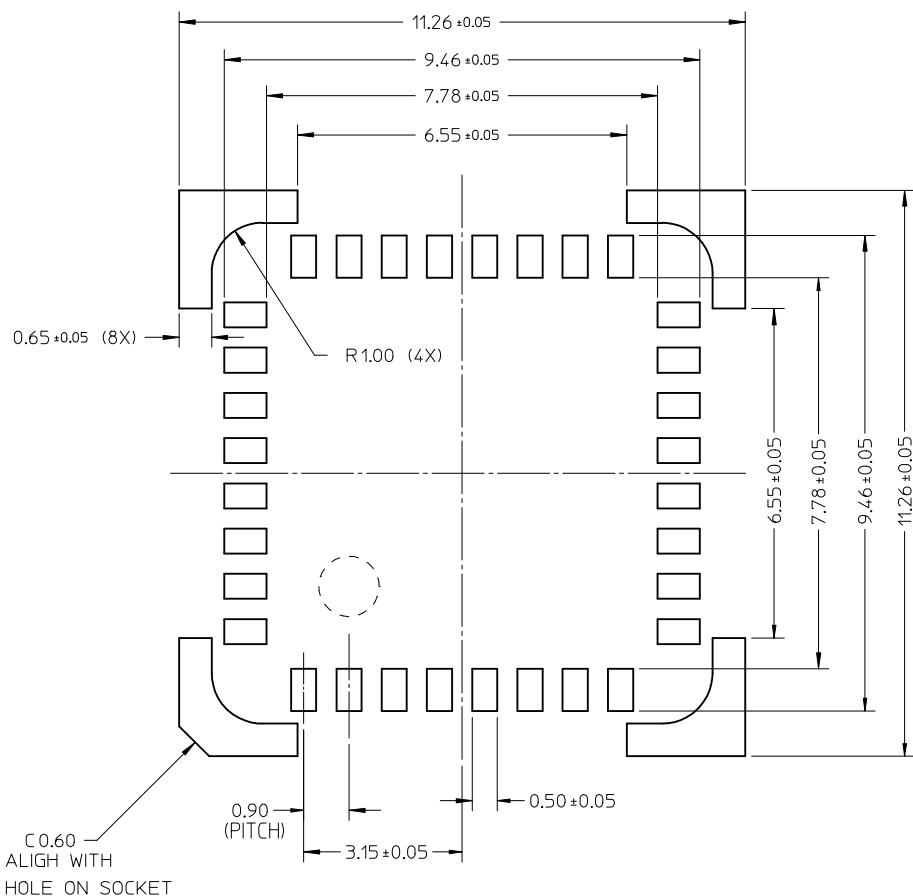
3. PAKAGING: TAPE&REEL

4. COPLANALITY TO BE 0.08MM MAX.

5. APPLICABLE CAMERA MODULE SEE SHEET 3.

ADD PLATING TYPE EC NO: SH2015-0045 DRWN:WJHU0 CHKD: APPR:AYIN REV	DESCRIPTION 2014/07/15 2014/08/26	QUALITY SYMBOLS F_A=0 F_G=0 F_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)			DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
				mm	INCH	DRAWN BY ERIC CHENG	DATE 2009/07/15	TITLE 8.5*8.5 CAMERA SOCKET SIDE CONTACT TYPE TOP MOUNT molex SD-105028-301				
			4 PLACES	± ---	± ---	CHECKED BY WFDENG	DATE 2009/07/15					
			3 PLACES	± ---	± ---	APPROVED BY WFDENG	DATE 2009/07/15					
			2 PLACES	± 0.10	± ---	MATERIAL NO. SEE TABLE			DOCUMENT NO. SD-105028-301			SHEET NO. 1 OF 3
			1 PLACE	± 0.15	± ---							
			0 PLACE	± ---	± ---							
ANGULAR ± 1 °												
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						

9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT

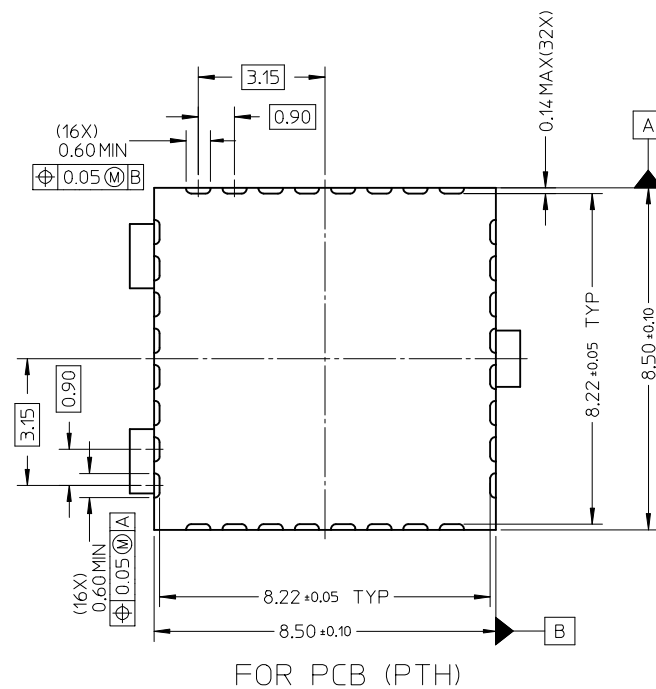
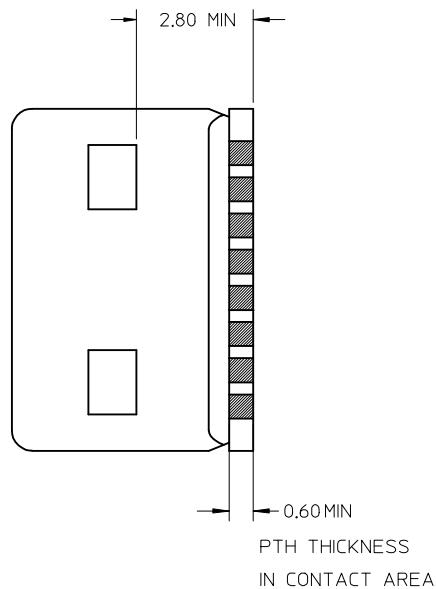
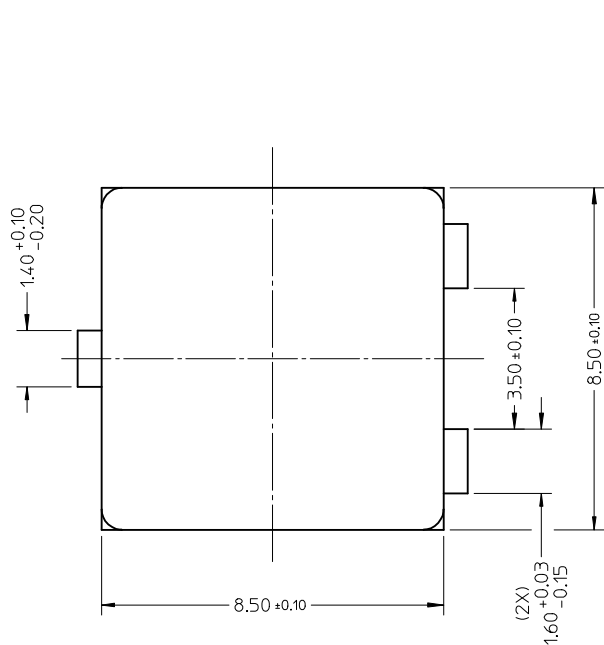
TOLERANCE ± 0.05 MM

OPTION	PART NO.	PLATING SPECIFICATION
1	1050283001	1.27 MICRON MIN NICKEL UNDERPLATING OVERALL GOLD FLASH ON SOLDERING AREA
2	1050283011	1.27 MICRON MIN NICKEL UNDERPLATING OVERALL 1.5 MICRON MIN MATTE TIN ON SOLDERING AREA
3	1050283021	1.27 MICRON MIN SOLDERABILITY NICKEL OVERALL

SHELL PLATING TYPE

ADD PLATING TYPE EC NO: SH2015-0045 DRW: WJH00 CHKD: APP: AYIN REV		DESCRIPTION 2014/07/15 2014/08/26	QUALITY SYMBOLS ▽_A=0 ▽_C=0 ▽_P=0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 10:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
				mm INCH		DRAWN BY DATE		TITLE 8.5*8.5 CAMERA SOCKET SIDE CONTACT TYPE TOP MOUNT			
				4 PLACES ± --- ± ---		ERIC CHENG 2009/07/15					
				3 PLACES ± --- ± ---		CHECKED BY DATE					
				2 PLACES ± 0.10 ± ---		WFDENG 2009/07/15					
1 PLACE ± 0.15 ± ---		APPROVED BY DATE		molex							
0 PLACE ± --- ± ---		WFDENG 2009/07/15									
ANGULAR ± 1 °		MATERIAL NO.						DOCUMENT NO.		SHEET NO.	
DRAFT WHERE APPLICABLE		SEE TABLE		SD-105028-301		2 OF 3					
MUST REMAIN WITHIN DIMENSIONS		SIZE A3		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION							

APPLIED CAMERA MODULE



FOR PCB (PTH)

ADD PLATING TYPE EC NO: SH2015-0045 DRWN: JH00 CHKD: APPR: AYIN REV	DESCRIPTION 2014/07/15 2014/08/26	QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 8:1	DESIGN UNITS METRIC	 THIRD ANGLE PROJECTION
		 =0  =0  =0	mm INCH		DRAWN BY ERIC CHENG		DATE 2009/07/15	TITLE 8.5*8.5 CAMERA SOCKET SIDE CONTACT TYPE TOP MOUNT		
			4 PLACES 3 PLACES		CHECKED BY WFDENG		DATE 2009/07/15			
			2 PLACES 1 PLACE		APPROVED BY WFDENG		DATE 2009/07/15			
			0 PLACE		MATERIAL NO.		DOCUMENT NO.	SHEET NO.		
			ANGULAR $\pm 1^\circ$		SEE TABLE		SD-105028-301		3 OF 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				