

- NOTES:
- MATERIAL:  
HOUSING AND CAP: HIGH TEMPERATURE THERMOPLASTIC, UL94V-0, BLACK COLOR  
CONTACT: HIGH STRENGTH COPPER ALLOY  
SOLDER BALL: LEAD FREE SnAg3.0Cu0.5
  - PLATING:  
50u" NICKEL AT PADDLE AND CONTACT AREA.  
GOLD PLATING THICKNESS AT CONTACT AREA REFER TO TABLE.
- △ DATE CODE "YMD\*\*" IS DEFINED AS:  
"YEAR/MONTH/DAY/MOLEX INTERNAL".
- PRODUCT SPECIFICATION PS-105142-001 APPLIES.
  - PACKAGING SPECIFICATION PK-105142-001 APPLIES.
  - ALL PART NUMBERS COMPLIANT TO RoHS DIRECTIVE 2002/95/EC AND ELV DIRECTIVE 2000/53/EC.

<b>NEW RELEASE</b> EC NO: SH2012-0185 DRWN: YXZHENG 2011/08/17 CHKD: APPR: AYIN 2012/06/04	DESCRIPTION REV	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
		$F_A=0$ $F_C=0$ $F_P=0$	mm	INCH	MM ONLY	2:1	METRIC			
			4 PLACES ± --- ± ---	3 PLACES ± --- ± ---	DRAWN BY	DATE	TITLE			
			2 PLACES ± 0.25 ± ---	1 PLACE ± 0.25 ± ---	YXZHENG	2010/12/17	LGA 2011-0 SOCKET (R0)			
		ANGULAR ± 3 °	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		CHECKED BY	DATE	MOLEX INCORPORATED			
					AYIN	2012/06/04	DOCUMENT NO.		SHEET NO.	
					SEE SHEET 4		SD-105142-001		1 OF 4	
					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

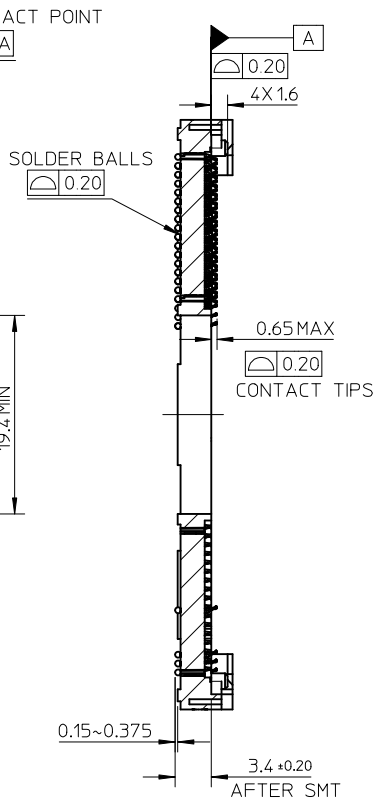
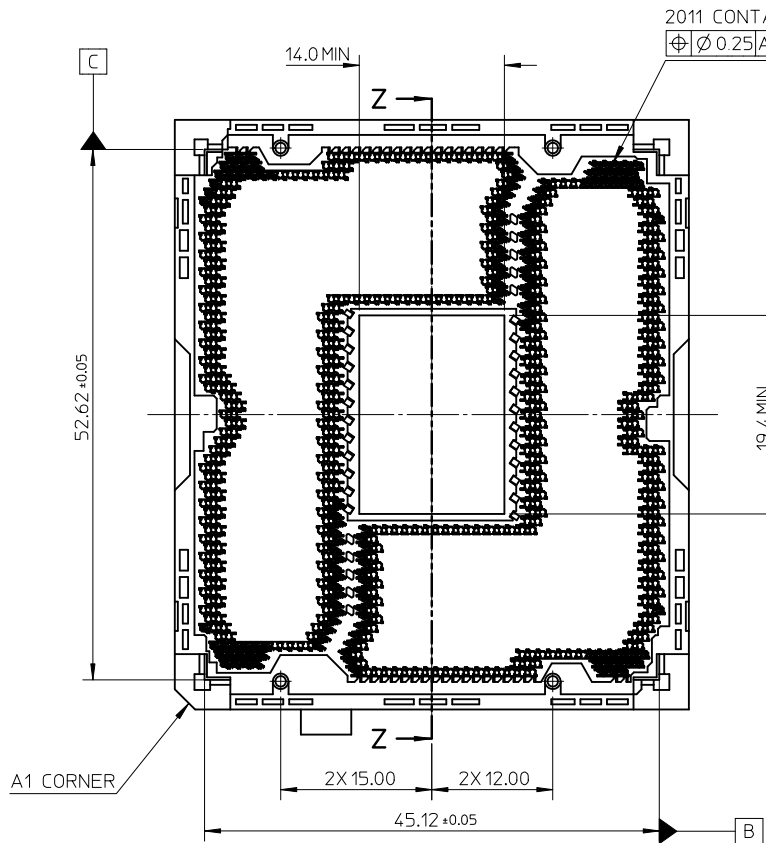
E

D

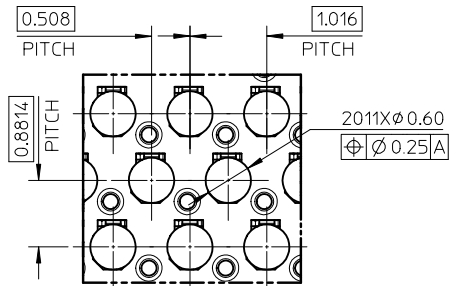
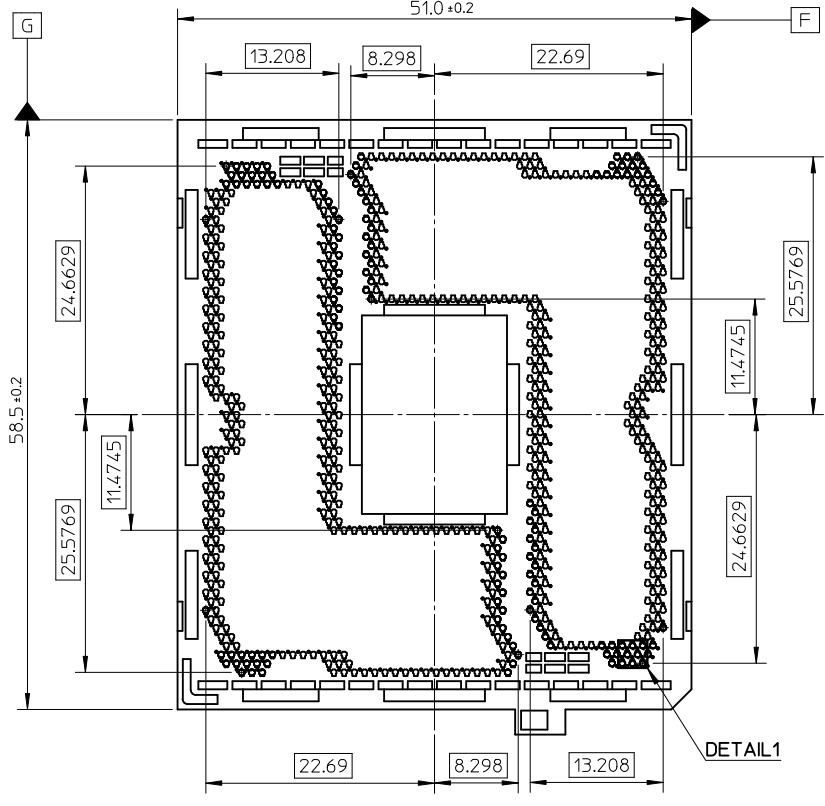
C

B

A



SECTION Z-Z

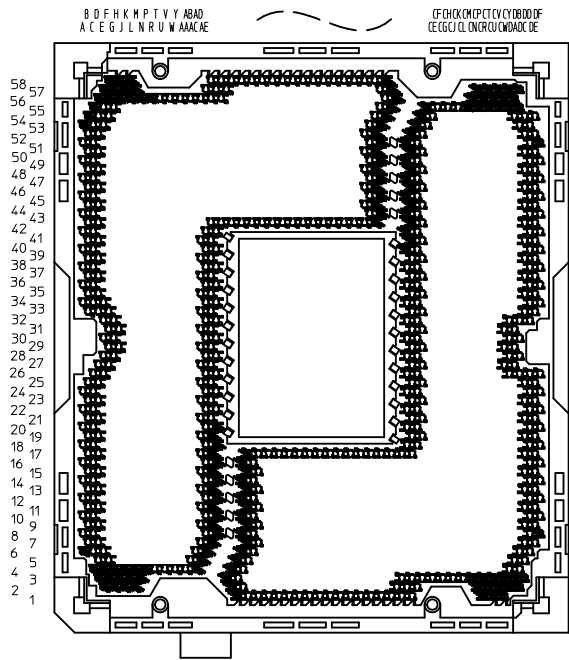


DETAIL1

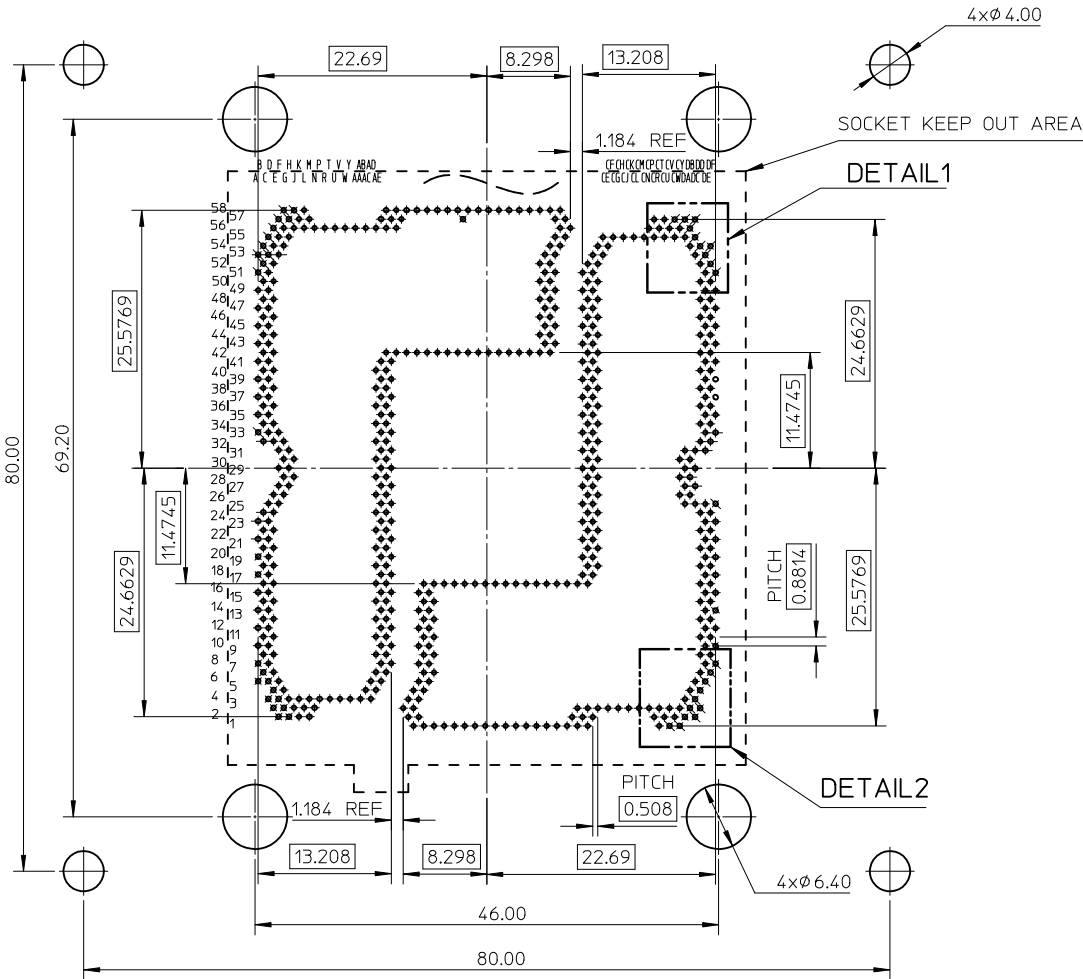
<b>NEW RELEASE</b> EC NO: SH2012-0185 DRWN: YXZHENG CHKD: APPR: AYIN 2011/08/17 2012/06/04	DESCRIPTION REV A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION															
		$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>4 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>3 PLACES</td> <td>± ---</td> <td>± ---</td> </tr> <tr> <td>2 PLACES</td> <td>± 0.25</td> <td>± ---</td> </tr> <tr> <td>1 PLACE</td> <td>± 0.25</td> <td>± ---</td> </tr> </tbody> </table>		mm	INCH	4 PLACES	± ---	± ---	3 PLACES	± ---	± ---	2 PLACES	± 0.25	± ---	1 PLACE	± 0.25	± ---	MM ONLY	2:1	METRIC	
			mm	INCH																		
		4 PLACES	± ---	± ---																		
3 PLACES	± ---	± ---																				
2 PLACES	± 0.25	± ---																				
1 PLACE	± 0.25	± ---																				
	<table border="1"> <thead> <tr> <th></th> <th>mm</th> <th>INCH</th> </tr> </thead> <tbody> <tr> <td>ANGULAR</td> <td>± 3 °</td> <td></td> </tr> </tbody> </table>		mm	INCH	ANGULAR	± 3 °		DRAWN BY: YXZHENG DATE: 2010/12/17 CHECKED BY: DATE:	TITLE	LGA 2011-0 SOCKET (R0)												
	mm	INCH																				
ANGULAR	± 3 °																					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	APPROVED BY: AYIN DATE: 2012/06/04 MATERIAL NO.: SEE SHEET 4	MOLEX INCORPORATED DOCUMENT NO.: SD-105142-001	SHEET NO.	2 OF 4																	

9 8 7 6 5 4 3 2 1

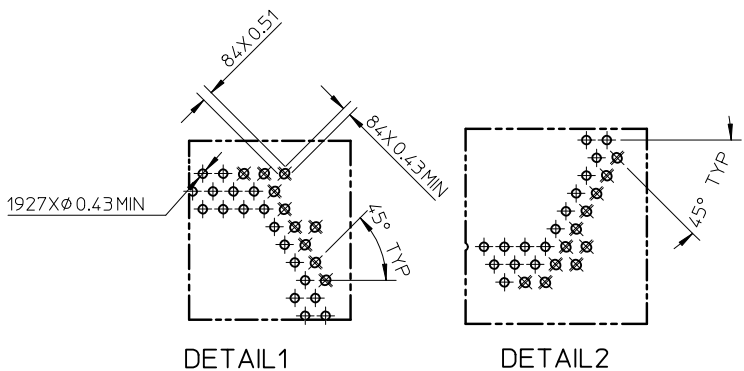
10 9 8 7 6 5 4 3 2 1



CONTACT NUMBER DEFINITION



RECOMMENDED PCB LAYOUT FOR NORMAL FRAME

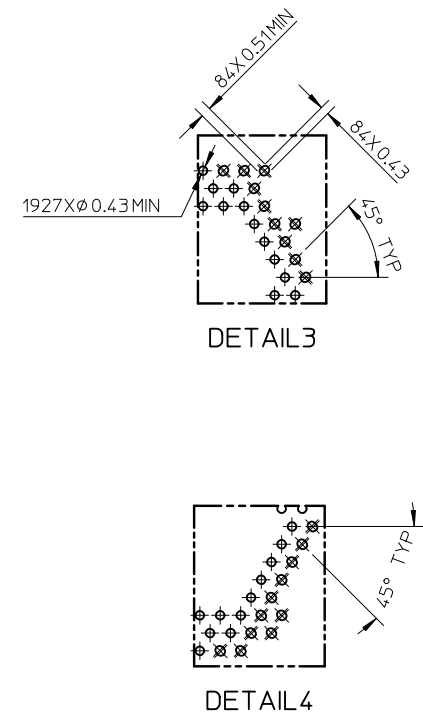
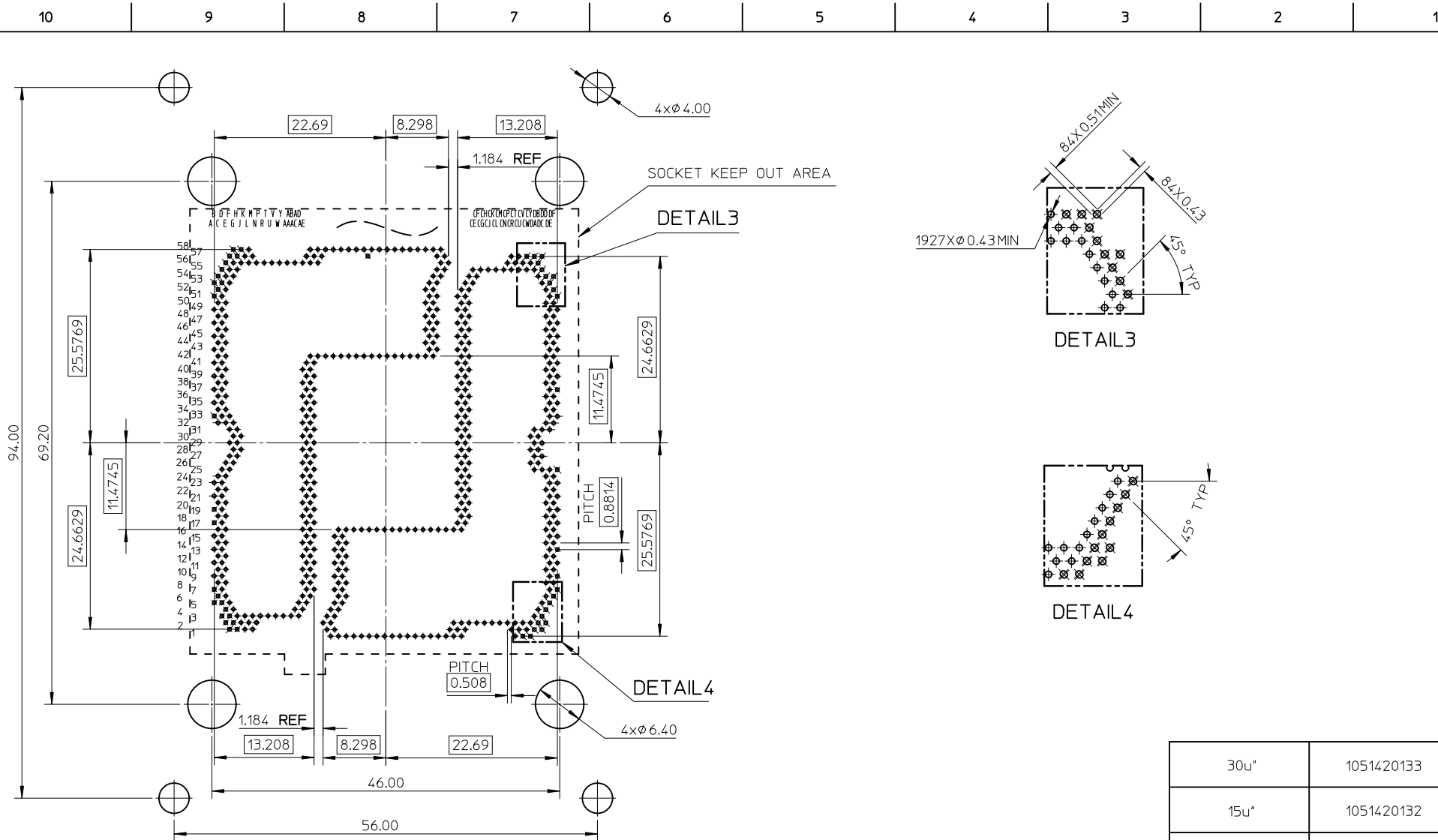


DETAIL1

DETAIL2

<b>NEW RELEASE</b> EC NO: SH2012-0185 DRWN: YXZHENG 2011/08/17 CHKD: APPR: AYIN 2012/06/04	DESCRIPTION DESCRIPTION	QUALITY SYMBOLS $\nabla_{\sigma} = 0$ $\nabla_{\sigma} = 0$ $\nabla_{\sigma} = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED) mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3°	DIMENSION STYLE MM ONLY DRAWN BY: YXZHENG DATE: 2010/12/17 CHECKED BY: DATE:	SCALE 2:1 DESIGN UNITS METRIC THIRD ANGLE PROJECTION	TITLE LGA 2011-0 SOCKET (R0)
	APPROVED BY: AYIN DATE: 2012/06/04 MATERIAL NO.	MOLEX INCORPORATED DOCUMENT NO.	SHEET NO.			
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS SEE SHEET 4	MOLEX INCORPORATED SD-105142-001	3 OF 4			
	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  
FOR NARROW FRAME

30U"	1051420133
15U"	1051420132
GOLD THICKNESS	PART NUMBER

<b>NEW RELEASE</b> EC NO: SH2012-0185 DRWN: YXZHENG 2011/08/17 CHKD: APPR: AYIN 2012/06/04	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION		
				MM ONLY	2:1	METRIC			
				mm	INCH	DRAWN BY	DATE	TITLE	
				4 PLACES	± ---	± ---	YXZHENG	2010/12/17	LGA 2011-0 SOCKET(R0)
		3 PLACES	± ---	± ---	CHECKED BY	DATE			
		2 PLACES	± 0.25	± ---	APPROVED BY	DATE	MOLEX INCORPORATED		
		1 PLACE	± 0.25	± ---	AYIN	2012/06/04			
		ANGULAR ± 3°		MATERIAL NO.	DOCUMENT NO.				
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE TABLE		SD-105142-001			
		SIZE	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					SHEET NO.	
		A3						4 OF 4	