

- 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".
 - P&P COVER GATE POSITION ONLY, NO DIRECTION REQUIREMENT.
 - 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.

NEW RELEASE EC NO: S2015-1419 DRW:DBFAN 2015/05/25 CHKD:SKTOH 2015/05/25 APPR:SKTOH 2015/07/29	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION	
	$F_A=0$	mm	INCH	DRAWN BY YXZHENG	DATE 2012/02/21	TITLE LGA 2011-3 SOCKET(R3)			
	$F_C=0$	4 PLACES ± ---	± ---	CHECKED BY AYIN	DATE 2012/02/21	APPROVED BY AYIN 2014/09/02			
	$F_P=0$	3 PLACES ± ---	± ---	MATERIAL NO. SEE SHEET 4		DOCUMENT NO. SD-105142-003		SHEET NO. 1 OF 5	
DESCRIPTION		ANGULAR ± 3 °		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					



10 9 8 7 6 5 4 3 2 1

F

E

D

C

B

A

F

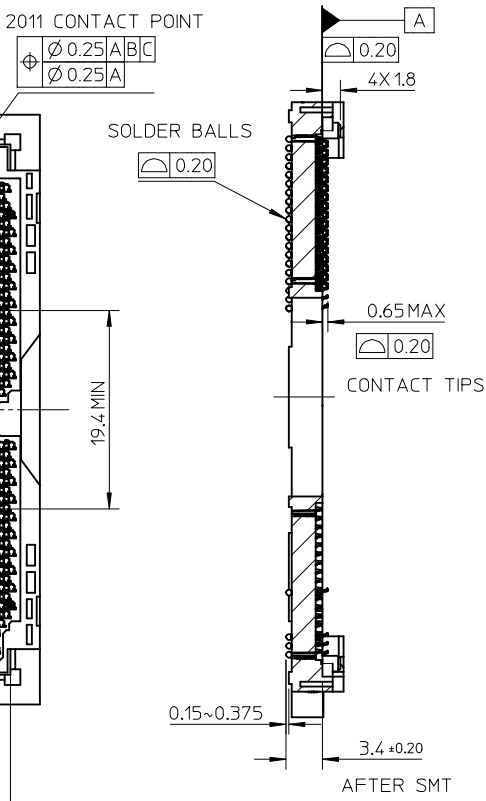
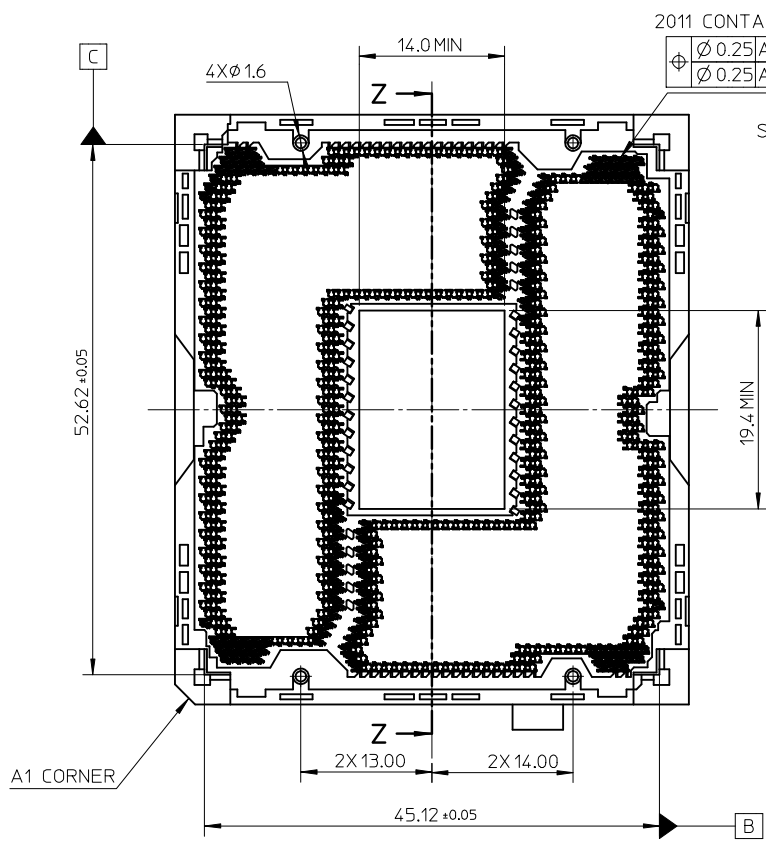
E

D

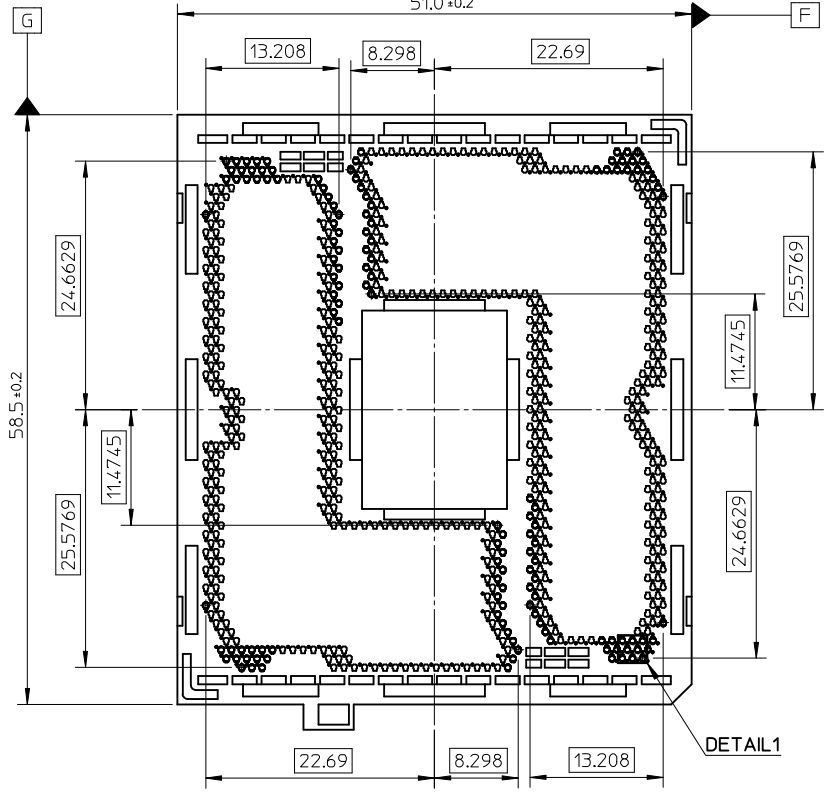
C

B

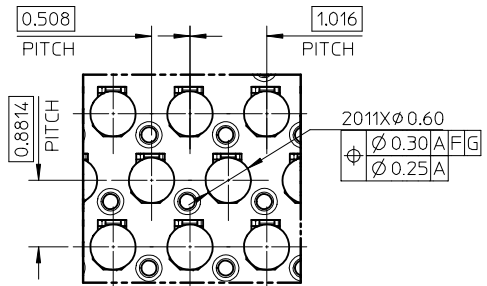
A



SECTION Z-Z



DETAIL1



DETAIL1

NEW RELEASE EC NO: S2015-1419 DRW:DBFAN CHKD:SKTOH APPR:SKTOH	2015/05/25	DESCRIPTION	QUALITY SYMBOLS
	2015/05/25		$\nabla_A = 0$
	2015/07/29		$\nabla_C = 0$
			$\nabla_P = 0$

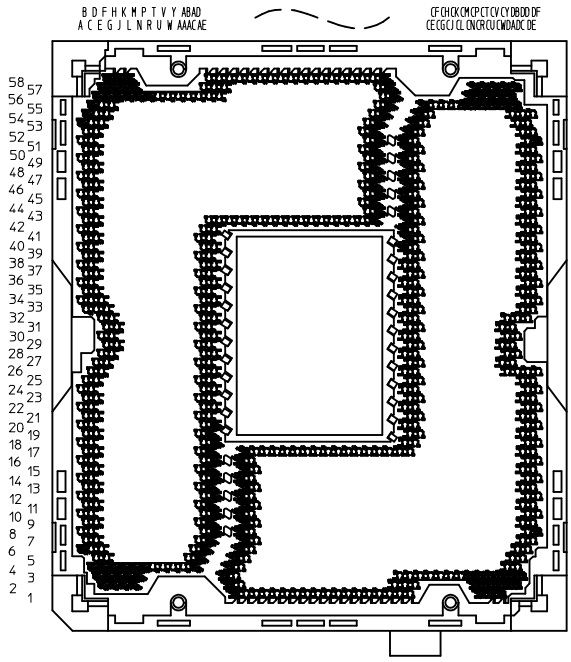
GENERAL TOLERANCES (UNLESS SPECIFIED)	mm	INCH	
	4 PLACES	± ---	± ---
	3 PLACES	± ---	± ---
	2 PLACES	± 0.25	± ---
	1 PLACE	± 0.25	± ---
ANGULAR ± 3 °			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			

DIMENSION STYLE MM ONLY	
DRAWN BY YXZHENG	DATE 2012/02/21
CHECKED BY AYIN	DATE 2012/02/21
APPROVED BY AYIN	DATE 2014/09/02
MATERIAL NO. SEE SHEET 4	DOCUMENT NO. SD-105142-003

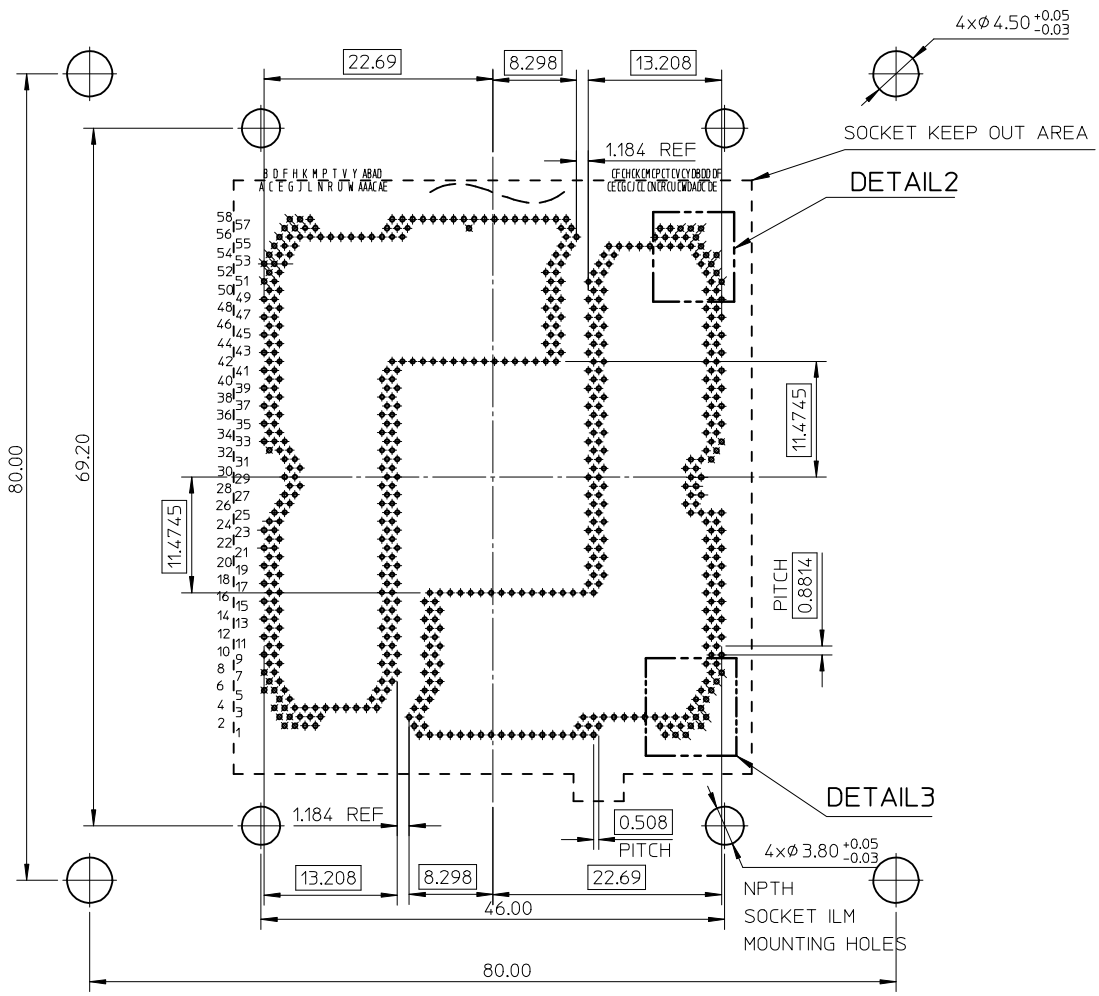
SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
TITLE LGA 2011-3 SOCKET(R3)		
MOLEX INCORPORATED		
SHEET NO. 2 OF 5		

9 8 7 6 5 4 3 2 1

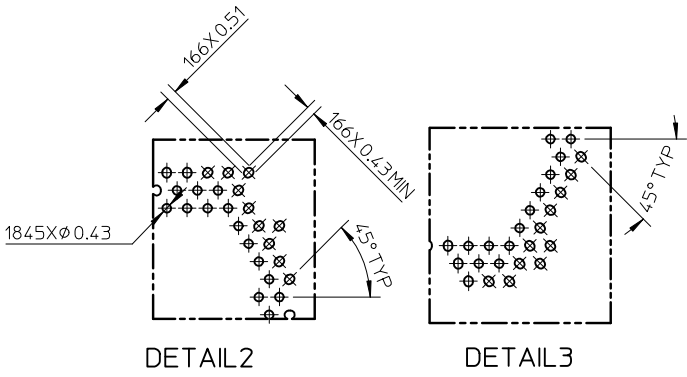
10 9 8 7 6 5 4 3 2 1



CONTACT NUMBER DEFINITION



RECOMMENDED PCB LAYOUT FOR NORMAL FRAME

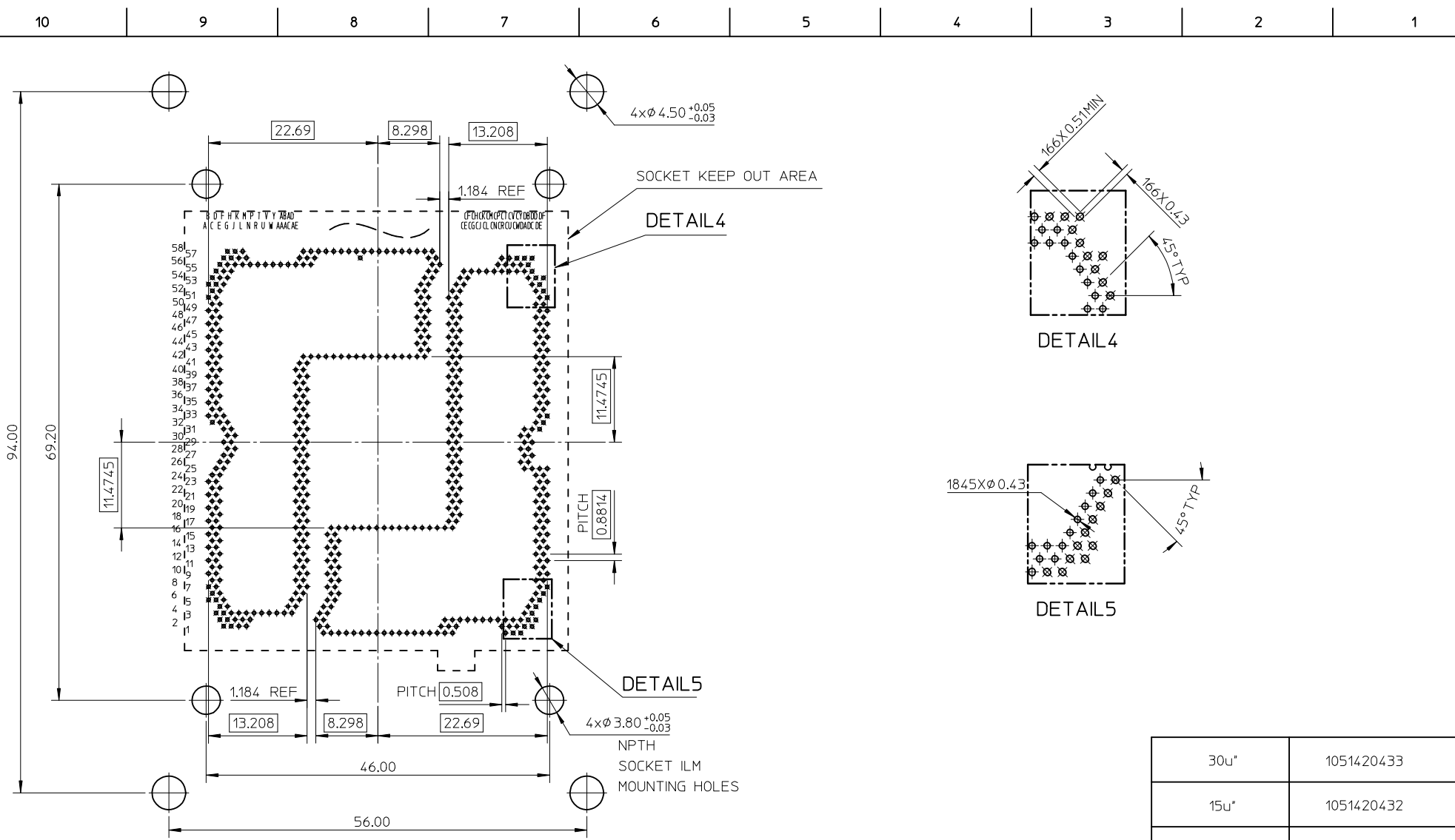


DETAIL2

DETAIL3

NEW RELEASE EC NO: S2015-1419 DRW:DBFAN 2015/05/25 CHKD:SKTOH 2015/05/25 APPR:SKTOH 2015/07/29	DESCRIPTION A	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION STYLE	SCALE	DESIGN UNITS	THIRD ANGLE PROJECTION
		$\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	mm INCH 4 PLACES ± --- ± --- 3 PLACES ± --- ± --- 2 PLACES ± 0.25 ± --- 1 PLACE ± 0.25 ± --- ANGULAR ± 3 °	MM ONLY	2:1	METRIC	
				DRAWN BY: YXZHENG DATE: 2012/02/21 CHECKED BY: DATE: 2012/02/21 APPROVED BY: DATE: 2014/09/02	TITLE: LGA 2011-3 SOCKET(R3)		
			DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	MATERIAL NO. DOCUMENT NO. SHEET NO. SEE SHEET 4 SD-105142-003 3 OF 5			

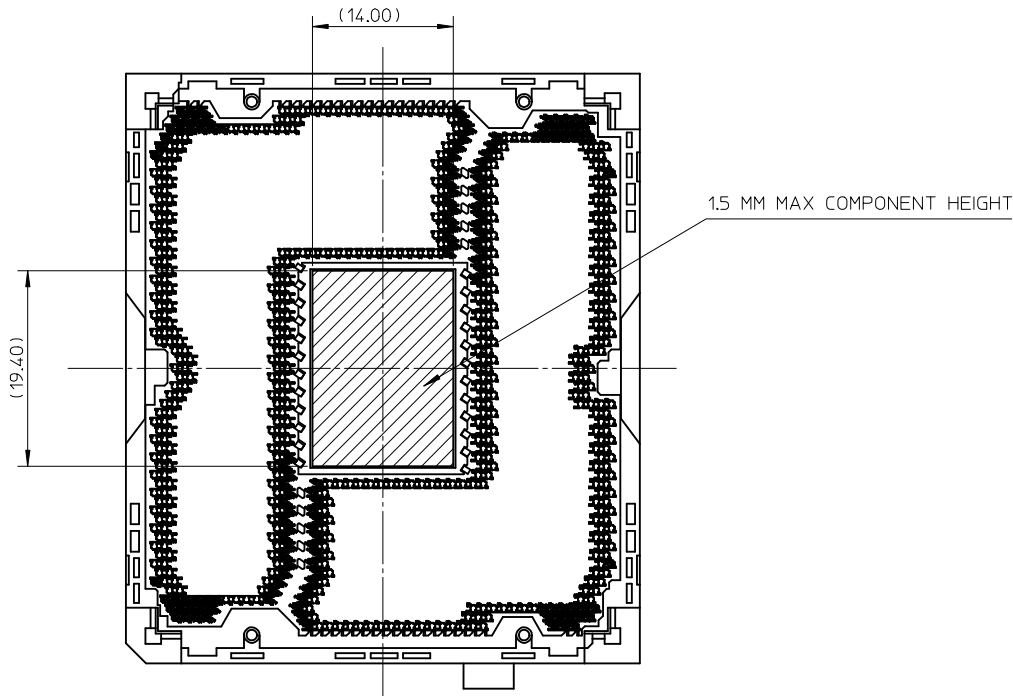
9 8 7 6 5 4 3 2 1



RECOMMENDED PCB LAYOUT FOR NARROW FRAME

30U"	1051420433
15U"	1051420432
GOLD THICKNESS	PART NUMBER

NEW RELEASE EC NO: S2015-1419 DRW: DBFAN 2015/05/25 CHKD: SKTOH 2015/05/25 APPR: SKTOH 2015/07/29	QUALITY SYMBOLS $F_A=0$ $F_G=0$ $F_P=0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY YXZHENG	DATE 2012/02/21	TITLE LGA 2011-3 SOCKET(R3)			
		4 PLACES	± ---	± ---	CHECKED BY AYIN	DATE 2012/02/21	MOLEX INCORPORATED DOCUMENT NO. SD-105142-003 SHEET NO. 4 OF 5			
		3 PLACES	± ---	± ---	APPROVED BY AYIN	DATE 2014/09/02				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		ANGULAR ± 3 °		MATERIAL NO. SEE TABLE		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				



SOCKET R3 , TOP VIEW, REFERENCE KOZ

NEW RELEASE EC NO: S2015-1419 DRWING:DBFAN 2015/05/25 CHKD:SKTOH 2015/05/25 APPR:SKTOH 2015/07/29	QUALITY SYMBOLS $\nabla_A = 0$ $\nabla_C = 0$ $\nabla_P = 0$	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY	SCALE 2:1	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
			mm	INCH	DRAWN BY YXZHENG	DATE 2012/02/21	TITLE LGA 2011-3 SOCKET(R3)		
		4 PLACES \pm --- \pm ---			CHECKED BY AYIN	DATE 2012/02/21			
		3 PLACES \pm --- \pm ---			APPROVED BY AYIN	DATE 2014/09/02			
2 PLACES \pm 0.25 \pm ---			MATERIAL NO. SEE TABLE		DOCUMENT NO. SD-105142-003	SHEET NO. 5 OF 5			
1 PLACE \pm 0.25 \pm ---			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				
0 PLACE \pm --- \pm ---			ANGULAR \pm 3 °						