

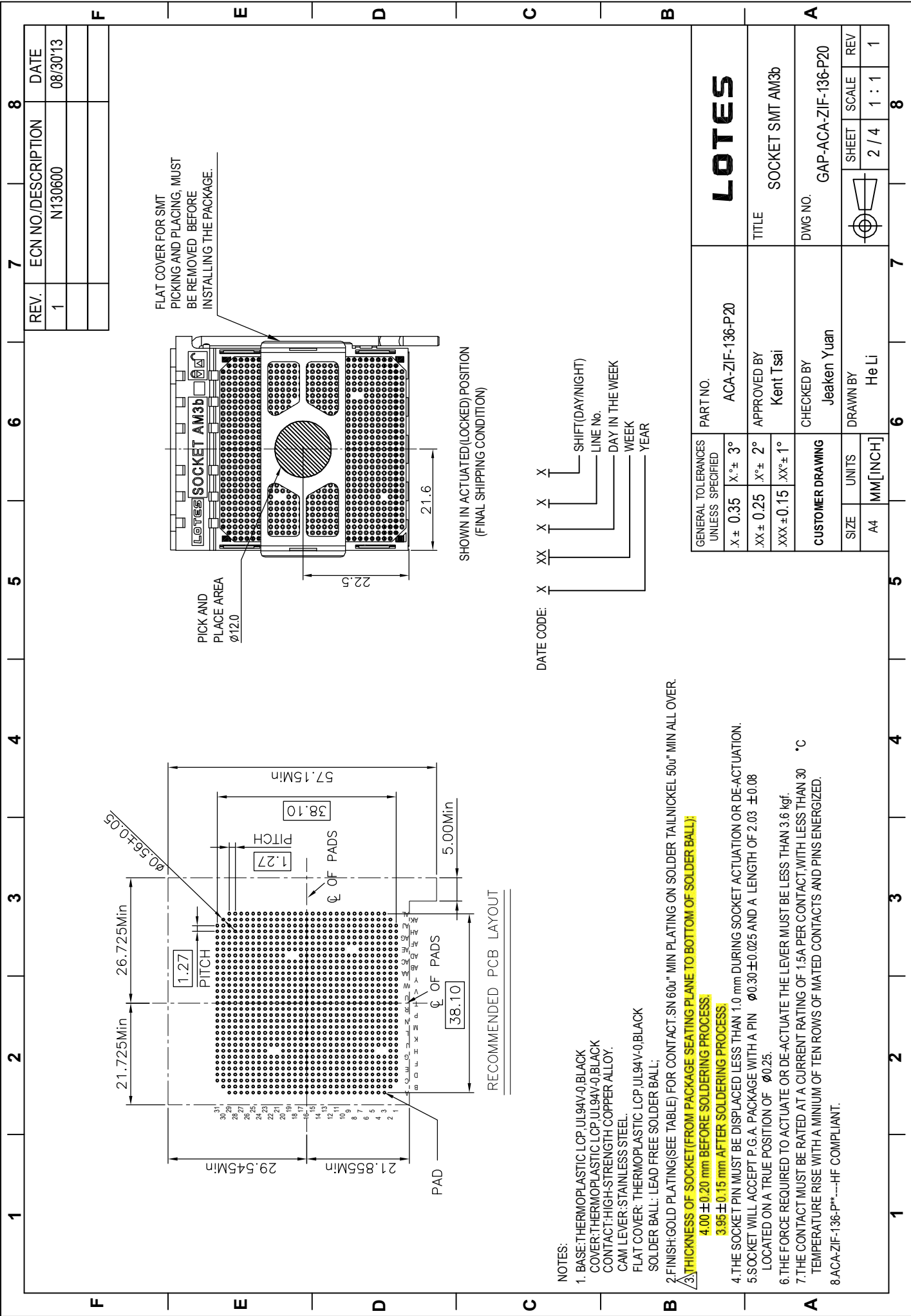
REV.	ECN NO./DESCRIPTION	DATE
1	N130600	08/30/13

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.	TITLE	DWG NO.
X ± 0.35	X° ± 3°	ACA-ZIF-136-P20		
XX ± 0.25	X° ± 2°	APPROVED BY Kent Tsai		
XXX ± 0.15	.XX° ± 1°	CHECKED BY Jeaken Yuan	SOCKET SMT AM3b	GAP-ACA-ZIF-136-P20
CUSTOMER DRAWING		CHECKED BY	DRAWN BY	SHEET
SIZE	UNITS	Jeaken Yuan		
A4	MM [INCH]	He Li	1:1	REV
				1

TABLE:

ITEM	PART NO	DESCRIPTION
3	ACA-ZIF-136-P24	Au 30u" GOLD PLATING,HF
2	ACA-ZIF-136-P21	Au 15u" GOLD PLATING,HF
1	ACA-ZIF-136-P20	Au 1u" Min GOLD PLATING,HF

LOTES



7	8
REV.	ECN NO./DESCRIPTION
1	N130600
	DATE
	08/30/13

6	7	8
LOTES SOCKET AM3b		
FLAT COVER FOR SMT PICKING AND PLACING. MUST BE REMOVED BEFORE INSTALLING THE PACKAGE.		
PICK AND PLACE AREA Ø12.0		
22.5		
21.6		
SHOWN IN ACTUATED (LOCKED) POSITION (FINAL SHIPPING CONDITION)		
DATE CODE: X XX X X X X X		
SHIFT (DAY/NIGHT)		
LINE No.		
DAY IN THE WEEK		
WEEK		
YEAR		

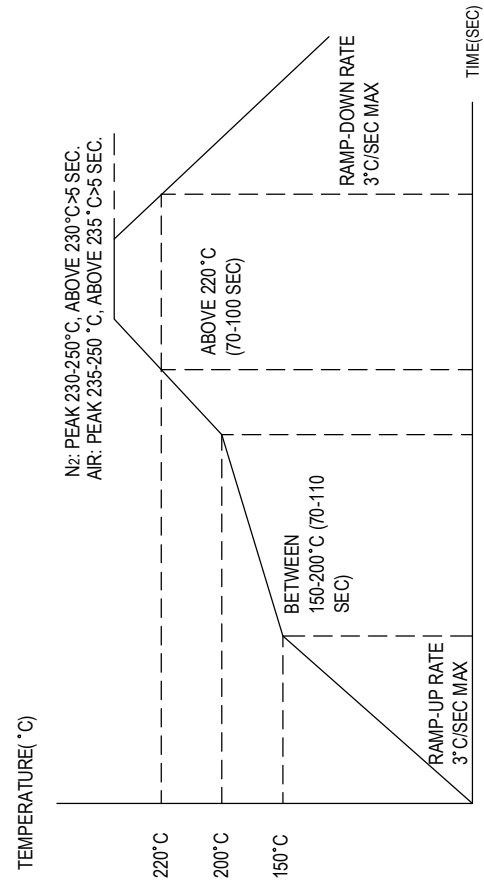
5	6	7	8
RECOMMENDED PCB LAYOUT			
<p>NOTES:</p> <ol style="list-style-type: none"> 1. BASE: THERMOPLASTIC LCP, UL94V-0, BLACK COVER: THERMOPLASTIC LCP, UL94V-0, BLACK CONTACT: HIGH-STRENGTH COPPER ALLOY. CAM LEVER: STAINLESS STEEL. FLAT COVER: THERMOPLASTIC LCP, UL94V-0, BLACK SOLDER BALL: LEAD FREE SOLDER BALL; 2. FINISH: GOLD PLATING (SEE TABLE) FOR CONTACT. SN 600" MIN PLATING ON SOLDER TAIL/NICKEL 50µ" MIN ALL OVER. 3. THICKNESS OF SOCKET (FROM PACKAGE SEATING PLANE TO BOTTOM OF SOLDER BALL): <ul style="list-style-type: none"> 4.00 ± 0.20 mm BEFORE SOLDERING PROCESS 3.95 ± 0.15 mm AFTER SOLDERING PROCESS 4. THE SOCKET PIN MUST BE DISPLACED LESS THAN 1.0 mm DURING SOCKET ACTUATION OR DE-ACTUATION. 5. SOCKET WILL ACCEPT P.G.A. PACKAGE WITH A PIN Ø0.30 ± 0.025 AND A LENGTH OF 2.03 ± 0.08 LOCATED ON A TRUE POSITION OF Ø0.25. 6. THE FORCE REQUIRED TO ACTUATE OR DE-ACTUATE THE LEVER MUST BE LESS THAN 3.6 kgf. 7. THE CONTACT MUST BE RATED AT A CURRENT RATING OF 1.5A PER CONTACT, WITH LESS THAN 30 °C TEMPERATURE RISE WITH A MINIMUM OF TEN ROWS OF MATED CONTACTS AND PINS ENERGIZED. 8. ACA-ZIF-136-P**---HF COMPLIANT. 			

4	5	6	7	8
GENERAL TOLERANCES UNLESS SPECIFIED				
X ± 0.35		X° ± 3°		PART NO. ACA-ZIF-136-P20
XX ± 0.25		X° ± 2°		
XXX ± 0.15		.XX° ± 1°		
APPROVED BY Kent Tsai				
CHECKED BY Jeaken Yuan				
DRAWN BY He Li				
TITLE SOCKET SMT AM3b				
DWG NO. GAP-ACA-ZIF-136-P20				

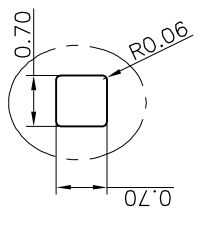
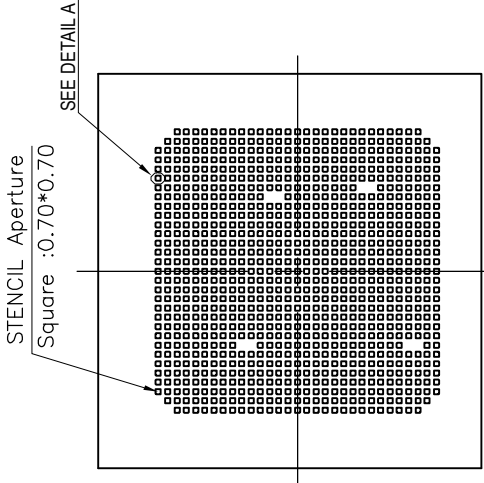
3	4	5	6	7	8
SIZE A4		UNITS MM [INCH]		SHEET 2 / 4	
SCALE 1 : 1		REV 1		8	

1	2	3	4	5	6	7	8
LOTES							
SOCKET SMT AM3b							
GAP-ACA-ZIF-136-P20							

1	2	3	4	5	6	7	8
REV.		ECN NO./DESCRIPTION		DATE			
1		N130600		08/30/13			



RECOMMENDED SMT TEMPERATURE PROFILE



RECOMMENDED STENCIL

- SMT PROCESS PARAMETERS:
- 1.TIME: 70~110sec BETWEEN 150~200°C
 - 2.TIME: 70~100sec ABOVE 220°C
 - 3.PEAK TEMPERATURE:
N₂:230~250°C, ABOVE 230°C>5 sec.
Air:235~250°C, ABOVE 235°C>5 sec.
 - 4.TEMPERATURE SLOPE:
A.RAMP-UP RATE 3°C/SEC MAX.
B.RAMP-DOWN RATE 3°C/SEC MAX.
 - 5.CONCENTRATION OF OXYGEN: 3000ppm MAX (IN N₂ ENVIRONMENT)

GENERAL TOLERANCES UNLESS SPECIFIED		PART NO.		LOTES	
X ± 0.35	X° ± 3°	ACA-ZIF-136-P20		TITLE	
XX ± 0.25	X° ± 2°	APPROVED BY Kent Tsai		SOCKET SMT AM3b	
XXX ± 0.15	.XX° ± 1°	CHECKED BY Jeaken Yuan		DWG NO.	
CUSTOMER DRAWING		DRAWN BY He Li		GAP-ACA-ZIF-136-P20	
SIZE A4	UNITS MM[INCH]	SHEET 3 / 4		SCALE 1 : 1	
		REV 1		8	