

- 1 MATERIAL: HOUSING AND COVER ARE HIGH TEMPERATURE THERMOPLASTIC, LIQUID CRYSTAL POLYMER (LCP), COLOR: NATURAL, FOR 1-5916783-5, 1-5916783-8 AND 3-5916783-5, COVER IS BLACK. LP SLZ LEVER MATERIAL IS STAINLESS STEEL. CONTACT MATERIAL IS COPPER ALLOY.
- 2 FINISH: CONTACT AREA-GOLD THICKNESS PER TABLE OVER 0.00381[.000150] MIN. THICK NICKEL PLATE. SOLDER TAIL- 0.00381-0.00635 [.000150-.000250] MIN. THICK TIN OVER 0.00127[.000050] MIN. THICK NICKEL PLATE. CONTACT AREA SHALL BE FREE OF LUBRICANT.
- 3 PRODUCT LINE: LOW PROFILE SINGLE LEVER ZIF (LP SLZ). PRODUCT SPEC 108-1572, APPLICATION SPEC 114-1100.
- 4 PRODUCT LINE: LOW PROFILE SCREWDRIVER ACTUATED ZIF (LP SAZ). PRODUCT SPEC 108-1572-1, APPLICATION SPEC 114-1105, INSTRUCTION SHEET 408-3355.
- 5 PRODUCT CONFORMS TO NOTE 4 EXCEPT DURABILITY PER PRODUCT SPECIFICATION IS 20 CYCLES AND SMALL INDENTATIONS IN SCREWDRIVER SLOTS PERMISSIBLE AFTER ACTUATION.
- 6 DATE CODE MAY VARY IN LOCATION AND FORMAT DEPENDING ON MANUFACTURING LOCATION.
- 7 THESE PRODUCTS COMPLY WITH SPEC. 202-38 "PRODUCT AND PROCESS GUIDELINES FOR ROHS COMPATIBILITY AND COMPLIANCE".
- 9 OBSOLETE PARTS: OBSOLETE CIS STREAMLINING PER D. RENAUD/ D. SINISI.

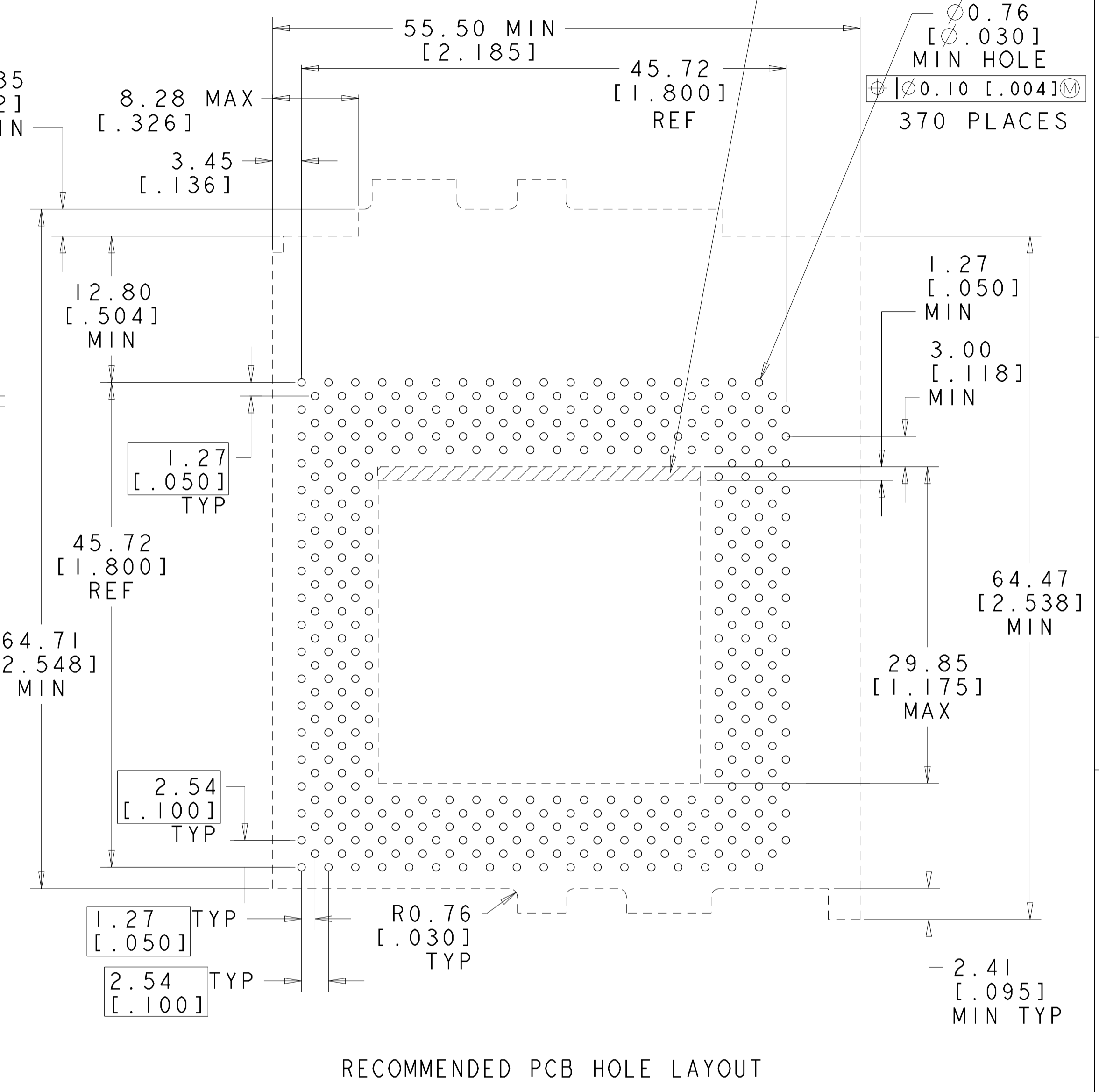
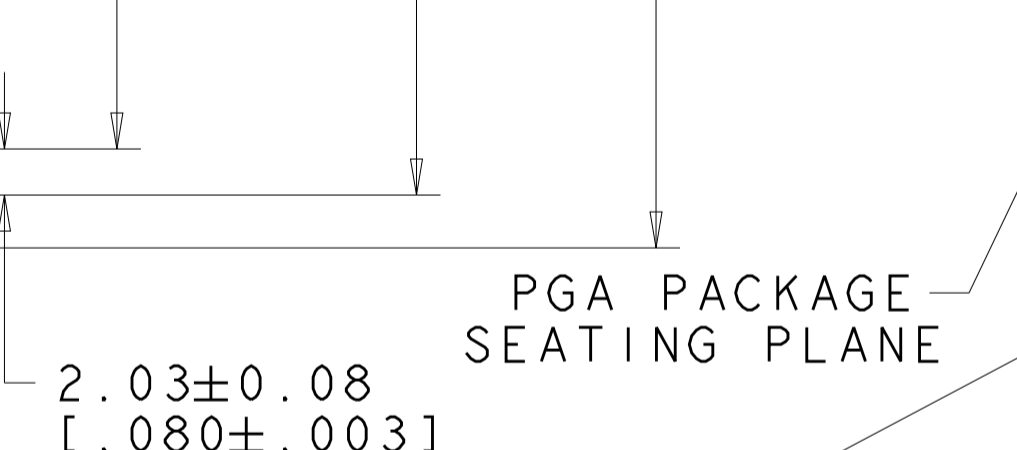
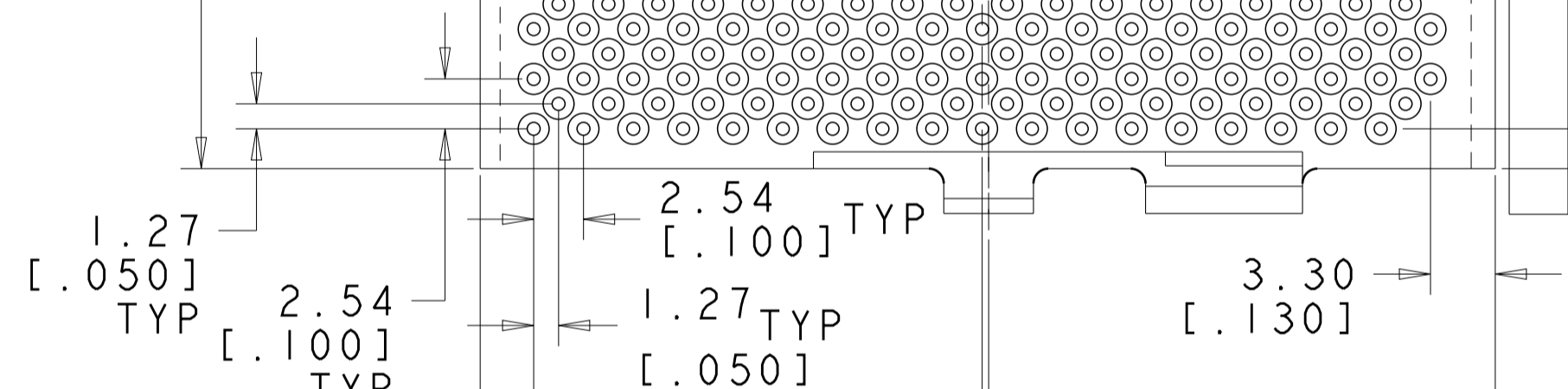
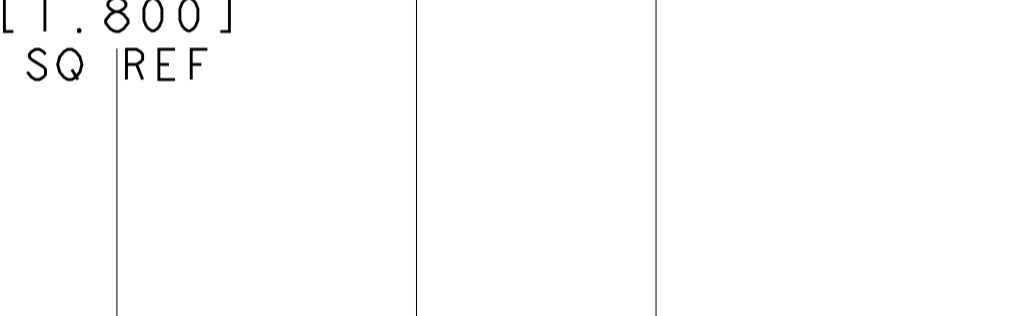
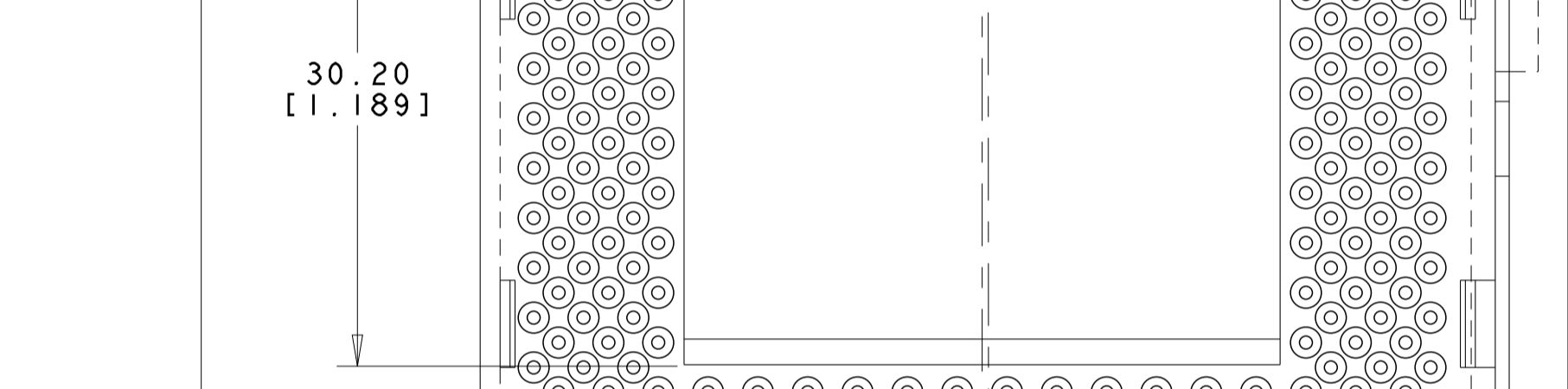
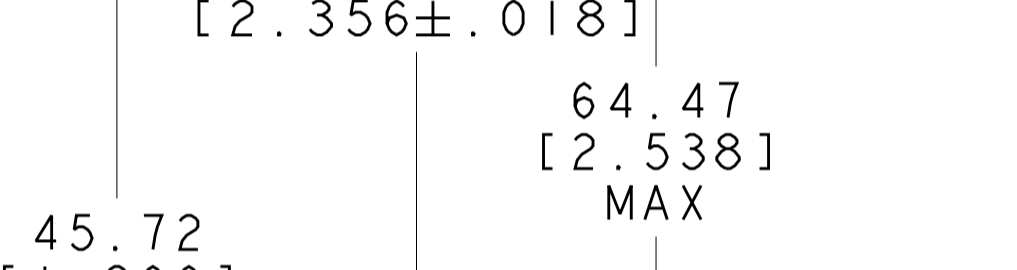
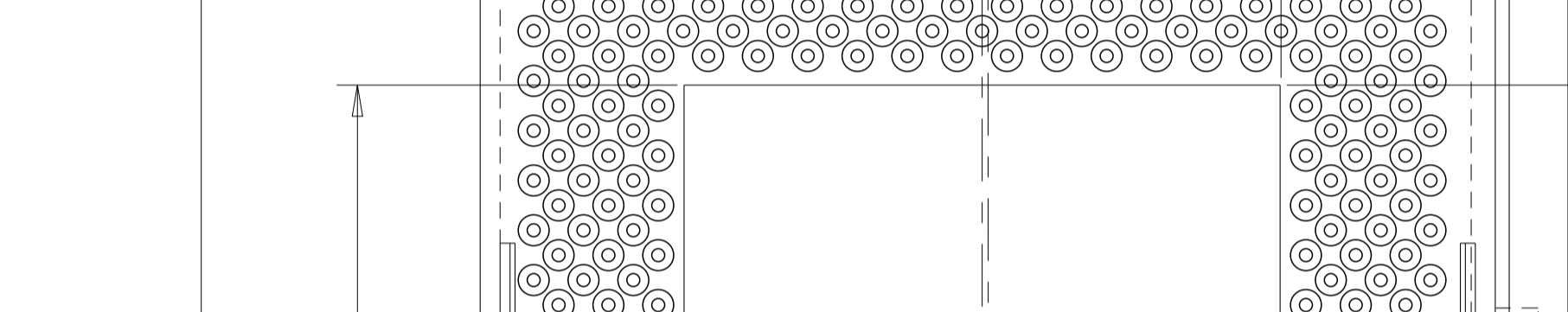
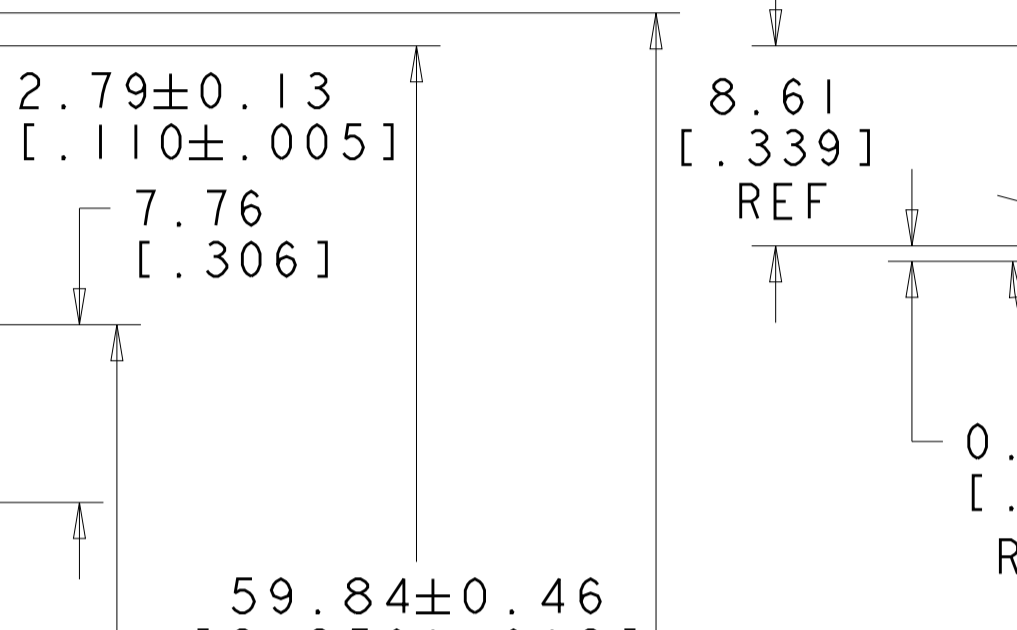
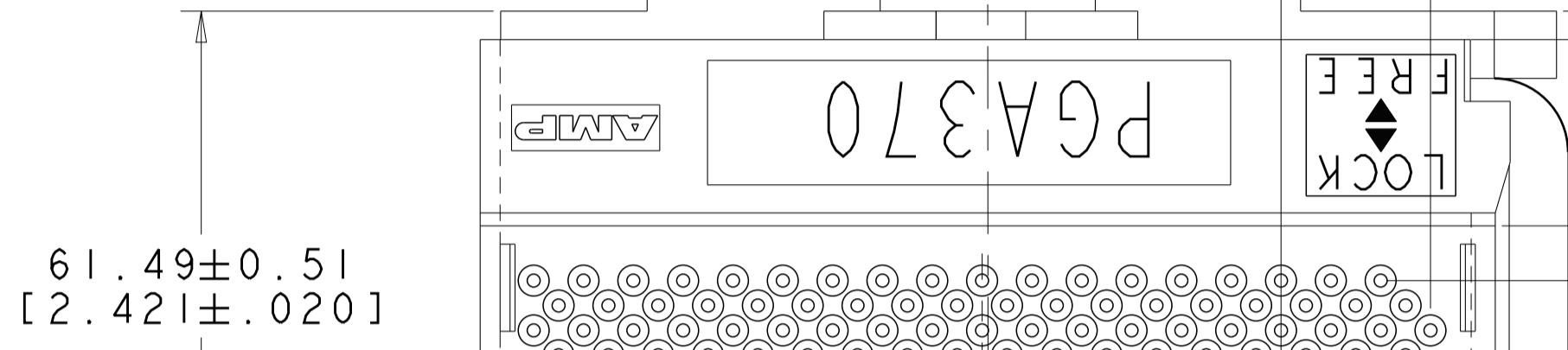
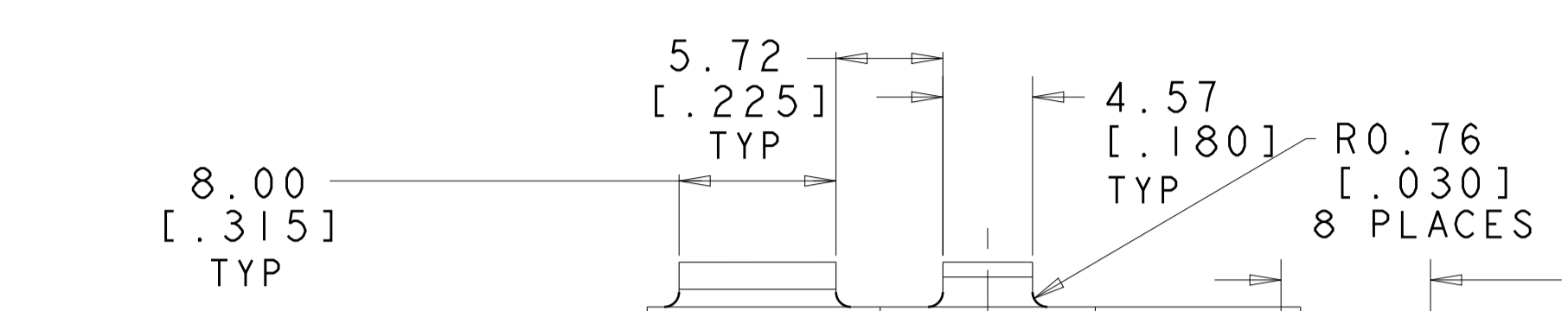
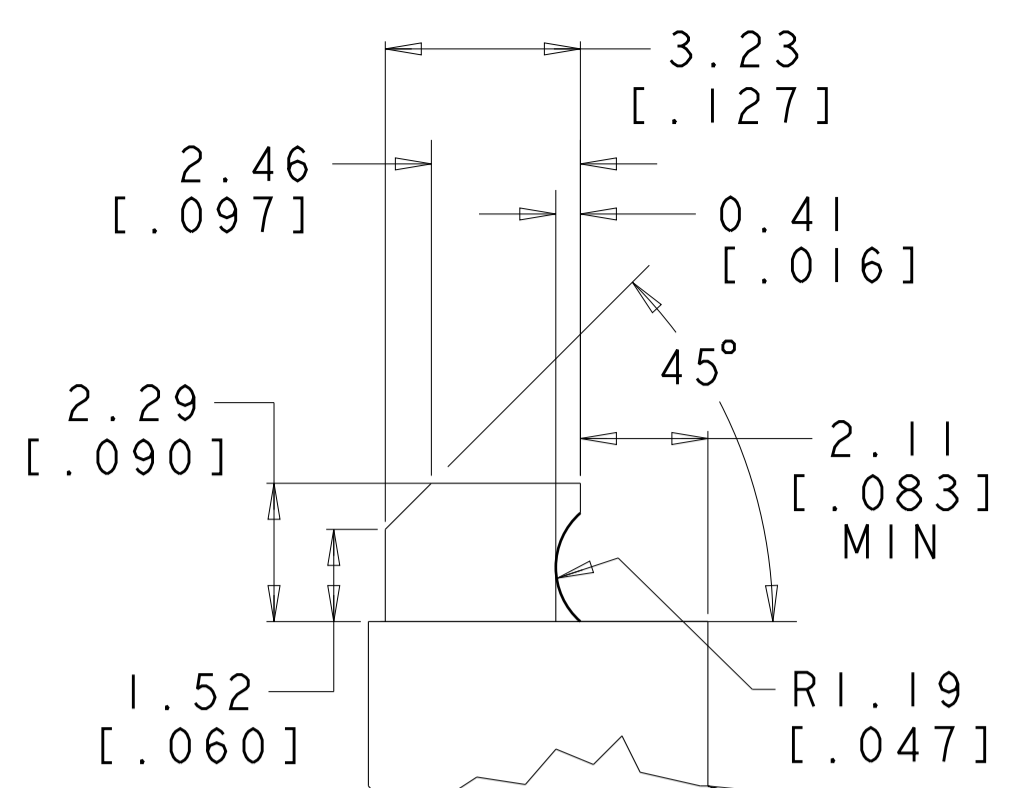
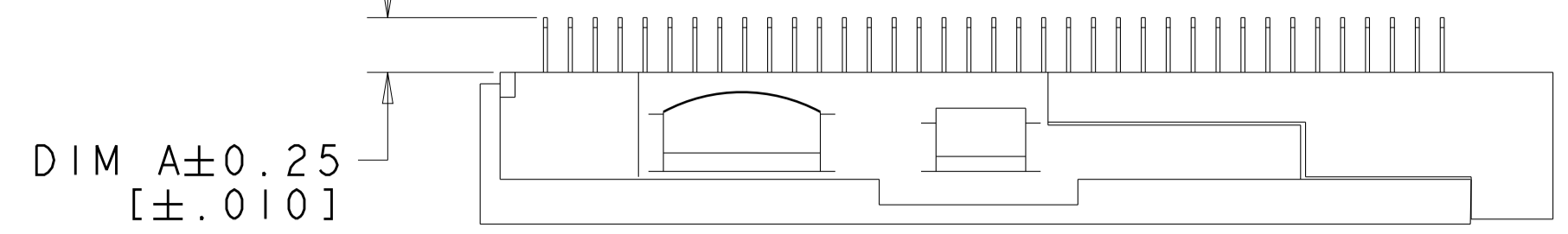
REMARKS	DRAWING	TRAY PACKAGED NUMBER OF SOCKETS PER SHIPPING BOX	POSITIONS	SOLDER TAIL LENGTH DIM A±0.25 [±.010]	MIN GOLD THICKNESS 2	FC-PGA/PPGA	HANDLE STYLE	PRODUCT LINE	PART NUMBER
OBSOLETE 9	SEE SHEET 6	160	370	2.03 [.080]	0.00076 [.000030]	FLIP CHIP PGA (FC-PGA) OR PPGA	-	LP SAZ 4 5	6-5916783-1
	SEE SHEET 5	160	370	2.79 [.110]	0.00038 [.000015]	PLASTIC PGA (PPGA)	-	LP SAZ 4	5-5916783-6
OBSOLETE	SEE SHEET 5	160	370	2.36 [.093]	0.00038 [.000015]	PLASTIC PGA (PPGA)	-	LP SAZ 4	5-5916783-5
OBSOLETE 9	SEE SHEET 5	160	370	2.36 [.093]	0.00076 [.000030]	PLASTIC PGA (PPGA)	-	LP SAZ 4	5-5916783-2
	SEE SHEET 4	160	370	3.56 [.140]	0.00038 [.000015]	PLASTIC PGA (PPGA)	-	LP SAZ 4	4-5916783-7
	SEE SHEET 4	160	370	2.79 [.110]	0.00038 [.000015]	PLASTIC PGA (PPGA)	-	LP SAZ 4	4-5916783-6
	SEE SHEET 4	160	370	2.36 [.093]	0.00038 [.000015]	PLASTIC PGA (PPGA)	-	LP SAZ 4	4-5916783-5
	SEE SHEET 4	160	370	2.36 [.093]	0.00076 [.000030]	PLASTIC PGA (PPGA)	-	LP SAZ 4	4-5916783-2
	SEE SHEET 3	90	371	2.36 [.093]	0.00038 [.000015]	PLASTIC PGA (PPGA)	LOW PROFILE	LP SLZ 3	3-5916783-5
	SEE SHEET 3	90	370	2.36 [.093]	FLASH	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	1-5916783-8
OBSOLETE	SEE SHEET 3	60	370	2.36 [.093]	0.00038 [.000015]	FLIP CHIP PGA (FC-PGA) OR PPGA	JOG	LP SLZ 3	1-5916783-5
OBSOLETE 9	SEE SHEET 2	90	370	2.79 [.110]	FLASH	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-9
OBSOLETE	SEE SHEET 2	90	370	2.36 [.093]	FLASH	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-8
OBSOLETE 9	SEE SHEET 2	90	370	2.03 [.080]	FLASH	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-7
OBSOLETE	SEE SHEET 2	90	370	2.79 [.110]	0.00038 [.000015]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-6
AVAILABLE	SEE SHEET 2	90	370	2.36 [.093]	0.00038 [.000015]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-5
RESTRICTED TO INTEL; OBSOLETE	SEE SHEET 2	90	370	2.03 [.080]	0.00038 [.000015]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-4
AVAILABLE	SEE SHEET 2	90	370	2.79 [.110]	0.00076 [.000030]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-3
	SEE SHEET 2	90	370	2.36 [.093]	0.00076 [.000030]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-2
OBSOLETE 9	SEE SHEET 2	90	370	2.03 [.080]	0.00076 [.000030]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-1
OBSOLETE	SEE SHEET 2	90	370	3.56 [.140]	0.00076 [.000030]	FLIP CHIP PGA (FC-PGA) OR PPGA	LOW PROFILE	LP SLZ 3	2-5916783-0

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. ALL IS SUBJECT TO CHANGE. THE CONTROLLED DOCUMENT IDENTIFICATION SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DWN: WYLEE CHK: VINCENT TAN APP'D: SE LEONG PRODUCT SPEC SEE TABLE APPLICATION SPEC SEE TABLE WEIGHT: - CUSTOMER DRAWING	DATE: 15DEC2004 NAME: SOCKET ASSEMBLY, LOW PROFILE, ZIF PGA, 19 X 19 GRID SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5916783 SCALE: 3:1 SHEET 1 OF 6 REV PI
DIMENSIONS: mm [INCHES] 	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.001 2 PLC ±.001, .0012 3 PLC ± 4 PLC ± ANGLES ± FINISH	TE CONNECTIVITY Singapore	

LOC	DIST	REV	DATE	BY	APPD
DY					

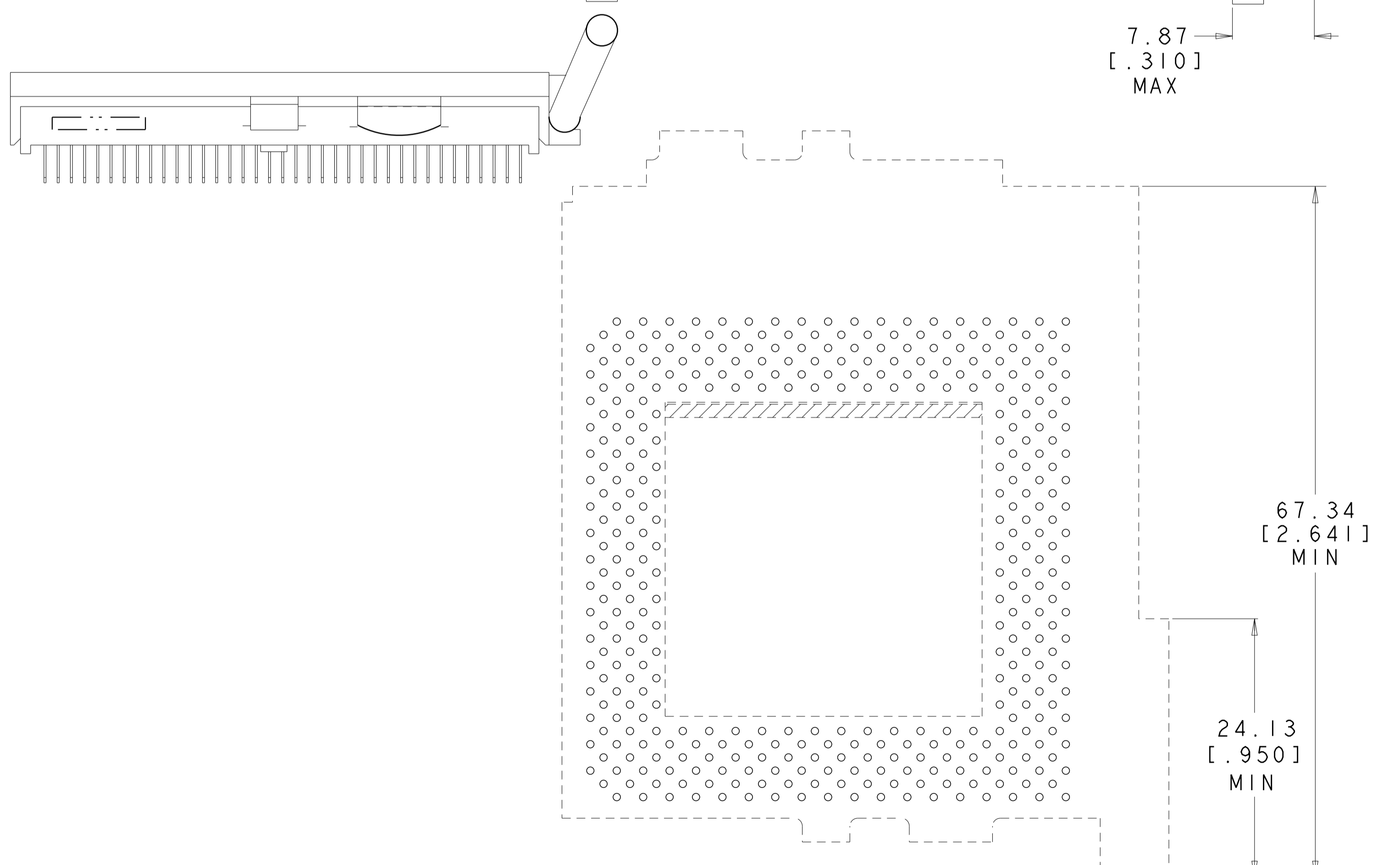
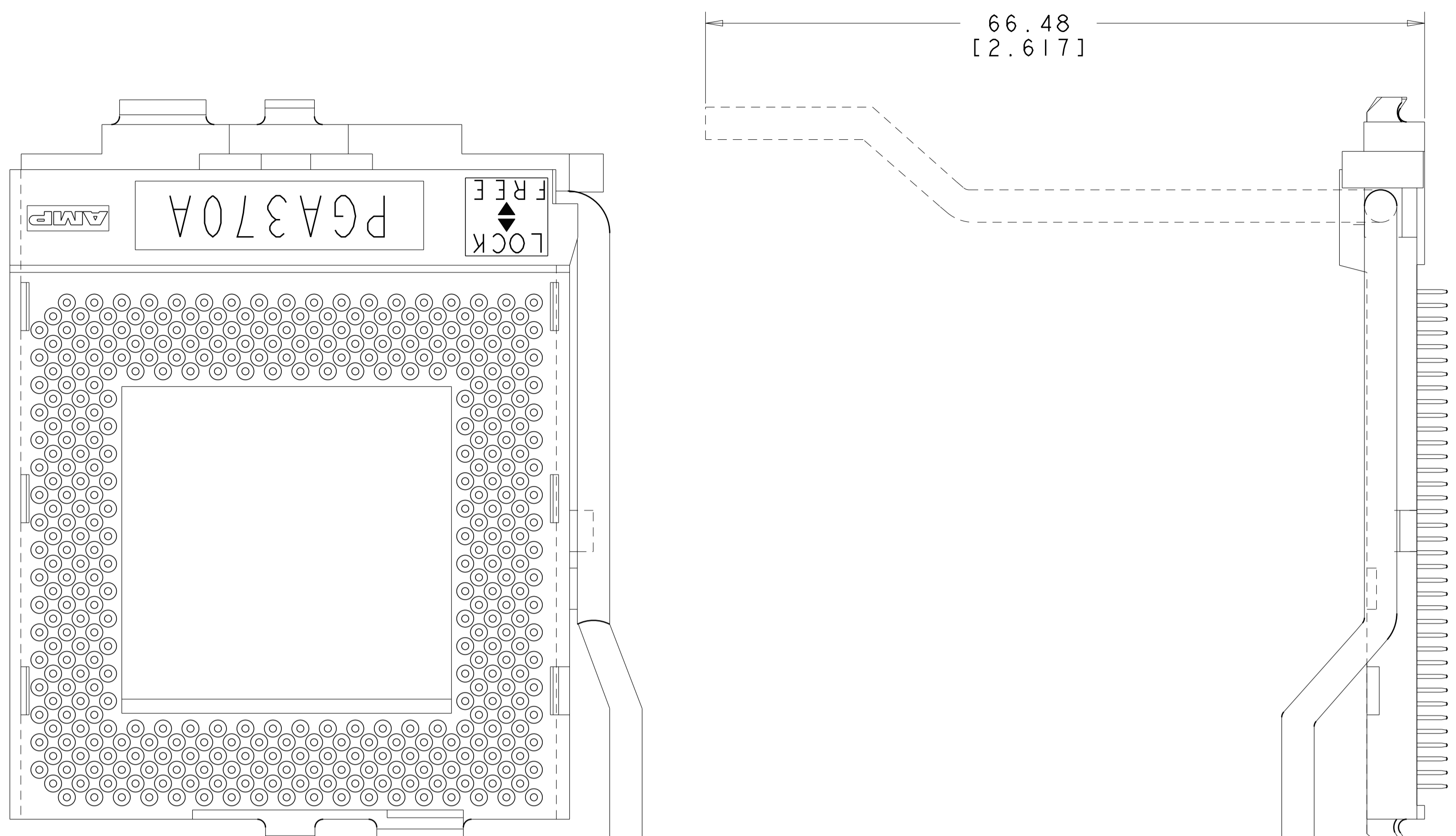
  

REVISIONS		DATE	BY	APPD
DESCRIPTION				
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PART NUMBERS 2-5916783-1 THRU 2-5916783-9

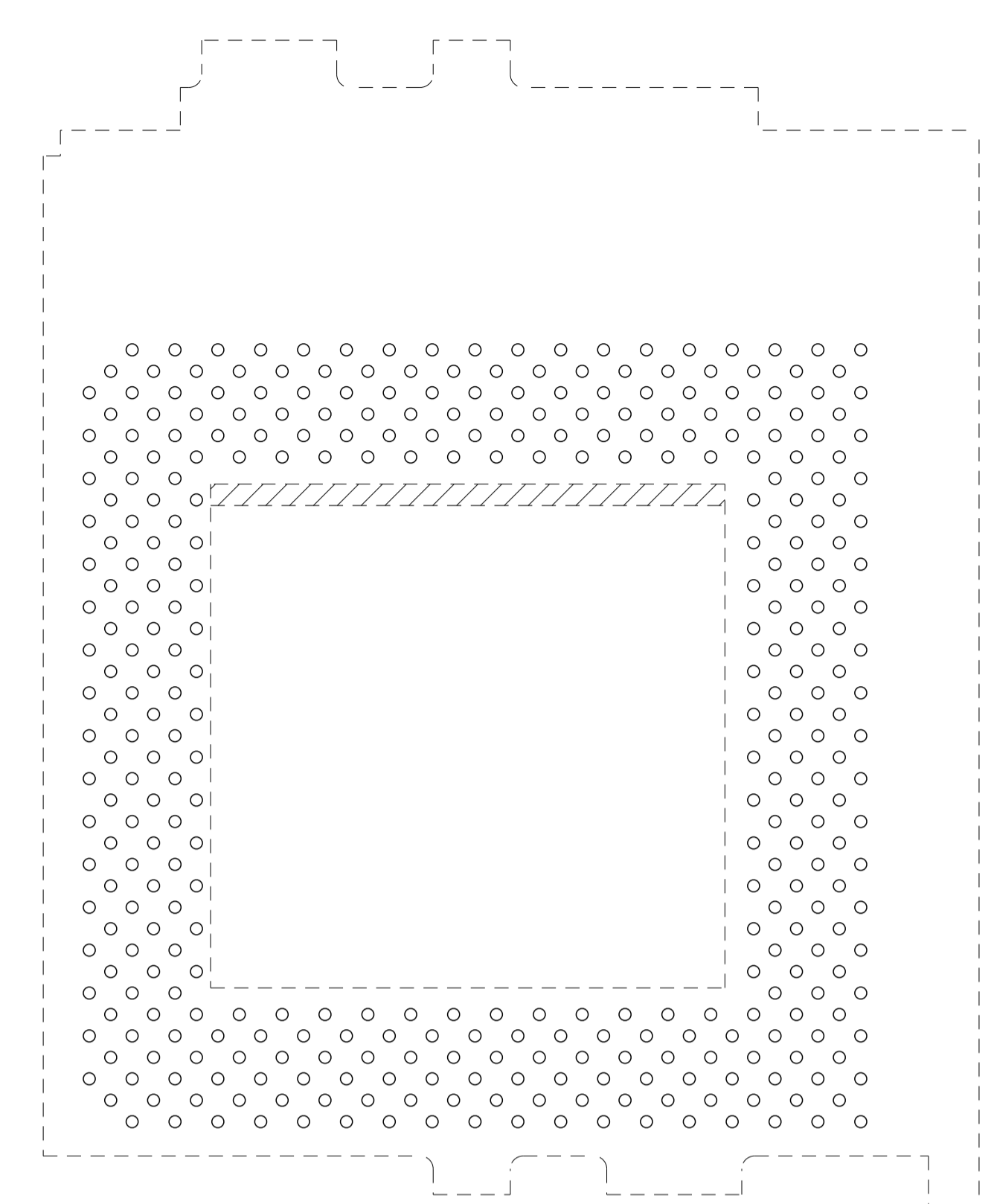
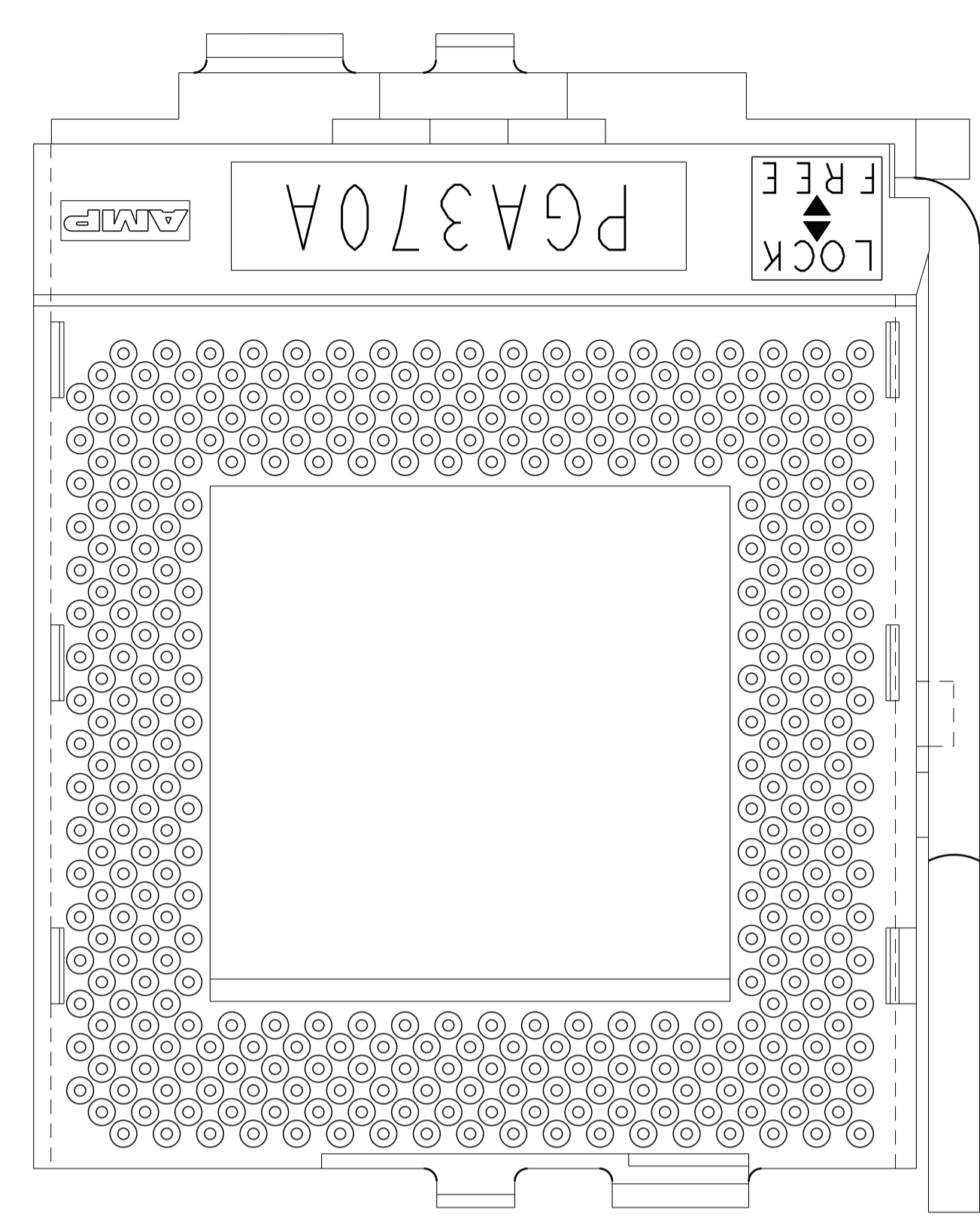
<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. ALL CHANGES MUST BE APPROVED BY THE CONTROLLING ENGINEERING ORGANIZATION. ANY CHANGES SHOULD BE CONTACTED FOR THE LATEST REVISION.</small>		DWG: WYLEE 15DEC2004 CHK: VINCENT TAN APD: SE LEONG PRODUCT SPEC: SEE TABLE APPLICATION SPEC: SEE TABLE WEIGHT: - CUSTOMER DRAWING:	TE CONNECTIVITY Singapore NAME: SOCKET ASSEMBLY, LOW PROFILE, ZIF PGA, 19 X 19 GRID SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5916783 SCALE: 3:1 SHEET: 2 of 6 REV: PI
DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.001 2 PLC ±.001 3 PLC ±.001 4 PLC ±.001 ANGLES ± FINISH: 1 2	DIMENSIONS: mm [INCHES] 0.22 [.009] MAX TYP 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF 51.77±0.41 [2.038±.016] 2.54±0.08 [.100±.003] 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF MAX OFFSET OF COVER HOLE PATTERN 51.77±0.41 [2.038±.016] 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF MAX OFFSET OF COVER HOLE PATTERN 51.77±0.41 [2.038±.016]	DIMENSIONS: mm [INCHES] 0.22 [.009] MAX TYP 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF MAX OFFSET OF COVER HOLE PATTERN 51.77±0.41 [2.038±.016] 2.54±0.08 [.100±.003] 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF MAX OFFSET OF COVER HOLE PATTERN 51.77±0.41 [2.038±.016] 2.54 [.100] TYP 1.27 [.050] TYP 3.30 [.130] 0.28 [.011] 25.88 [1.019] REF 2.74 [.108] REF MAX OFFSET OF COVER HOLE PATTERN 51.77±0.41 [2.038±.016]



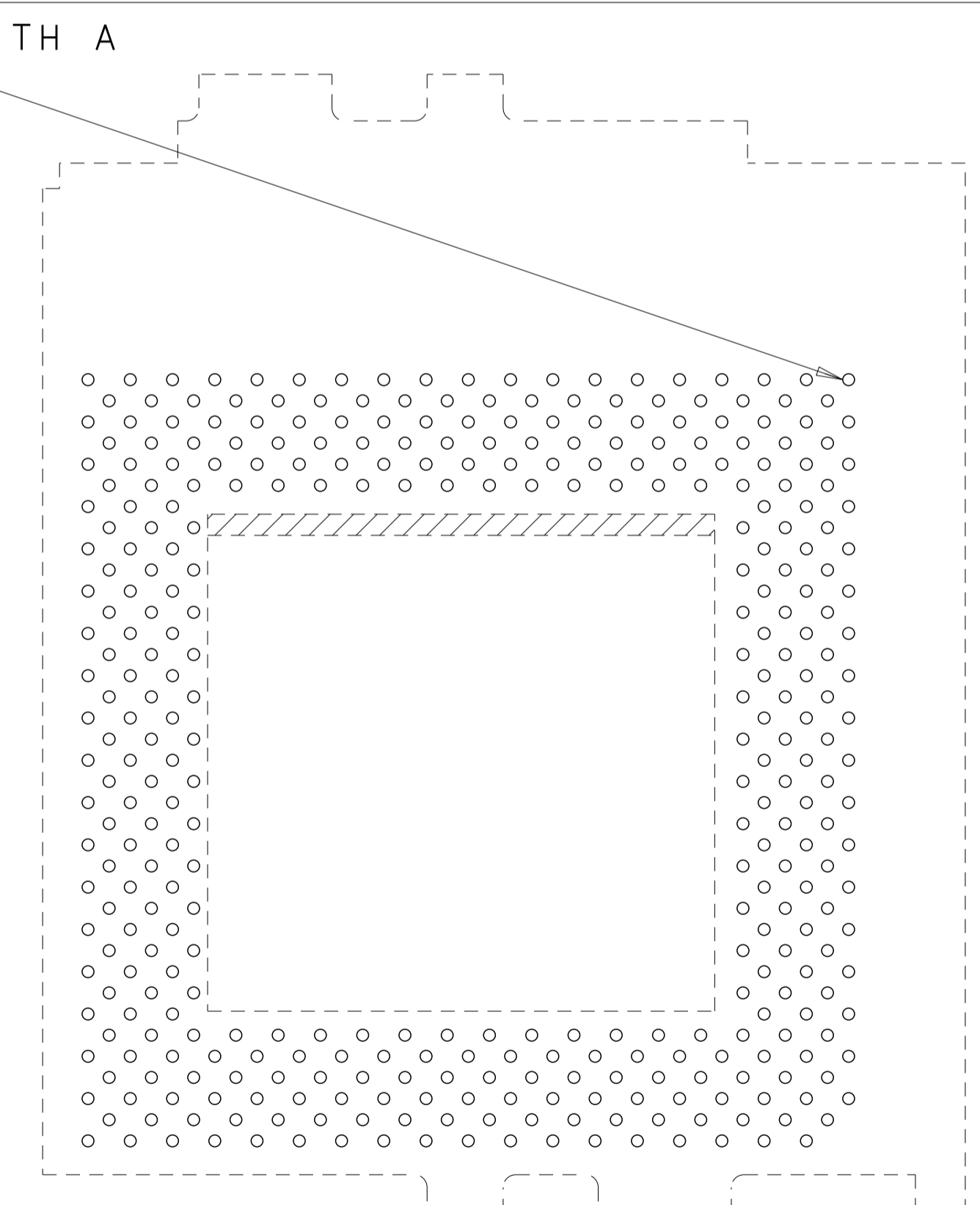
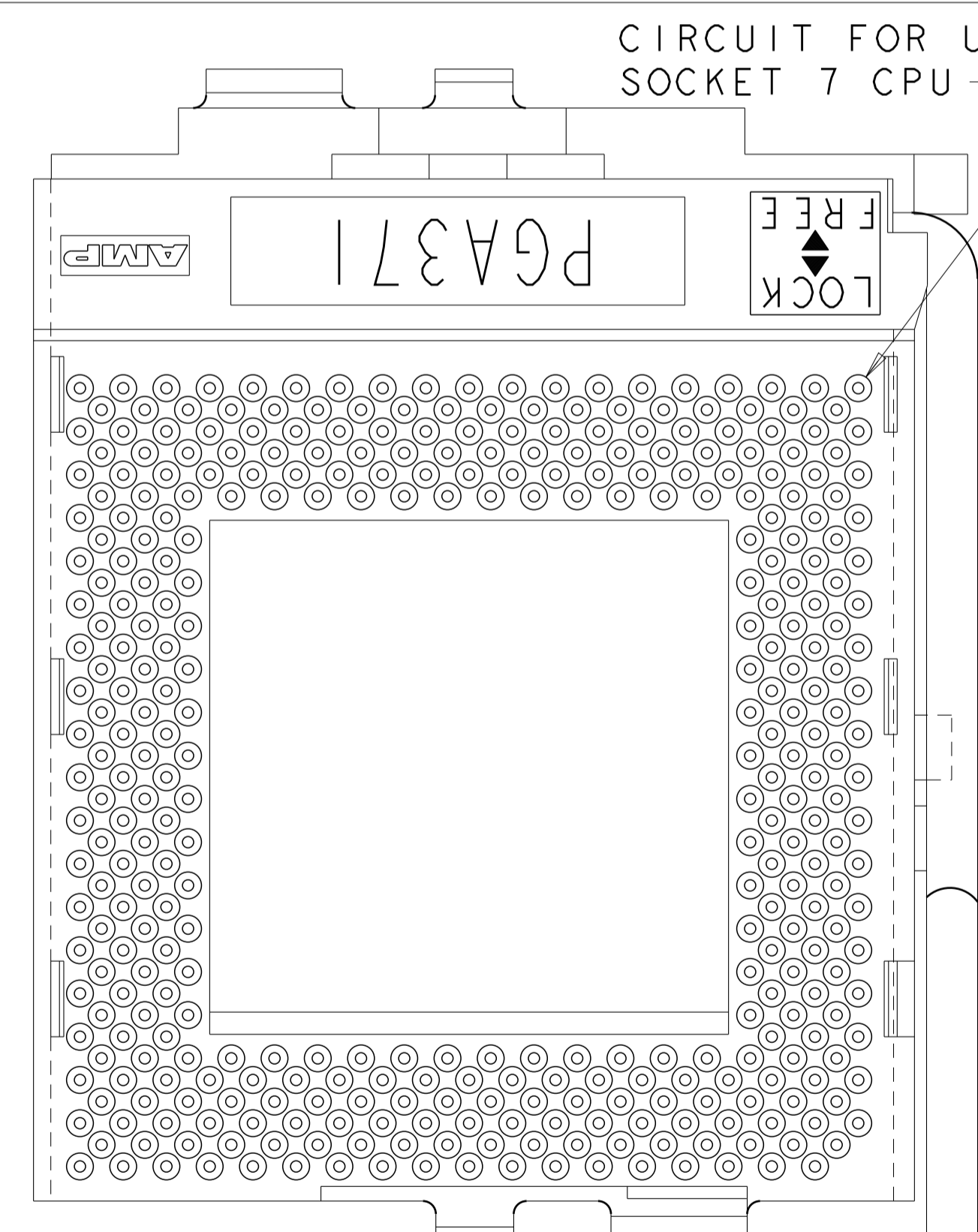
RECOMMENDED PCB HOLE LAYOUT  
 6.60 [.260] MIN

PART NUMBER 1-5916783-5  
 EXCEPT ROTATED PATTERN, PGA370A LOGO AND HANDLE, ALL OTHER DETAILS SAME AS ON SHEET 2.

LOC	DIST	REVISIONS			
NO	DATE	DESCRIPTION	DATE	BY	APPD
1		SEE TABLE			



RECOMMENDED PCB HOLE LAYOUT  
 PART NUMBER 1-5916783-8  
 EXCEPT ROTATED PATTERN AND PGA370A LOGO, ALL OTHER DETAILS SAME AS ON SHEET 2.

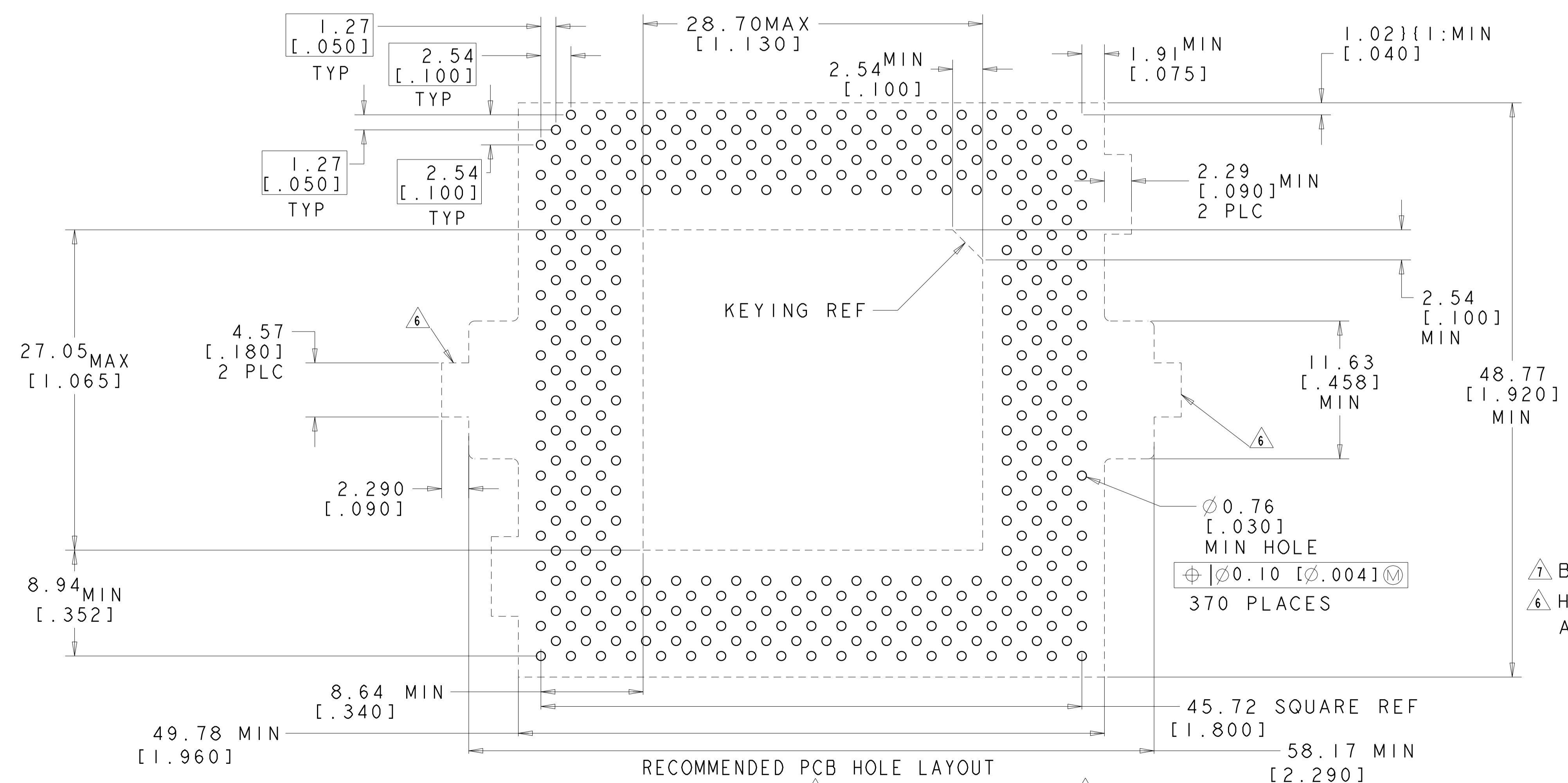
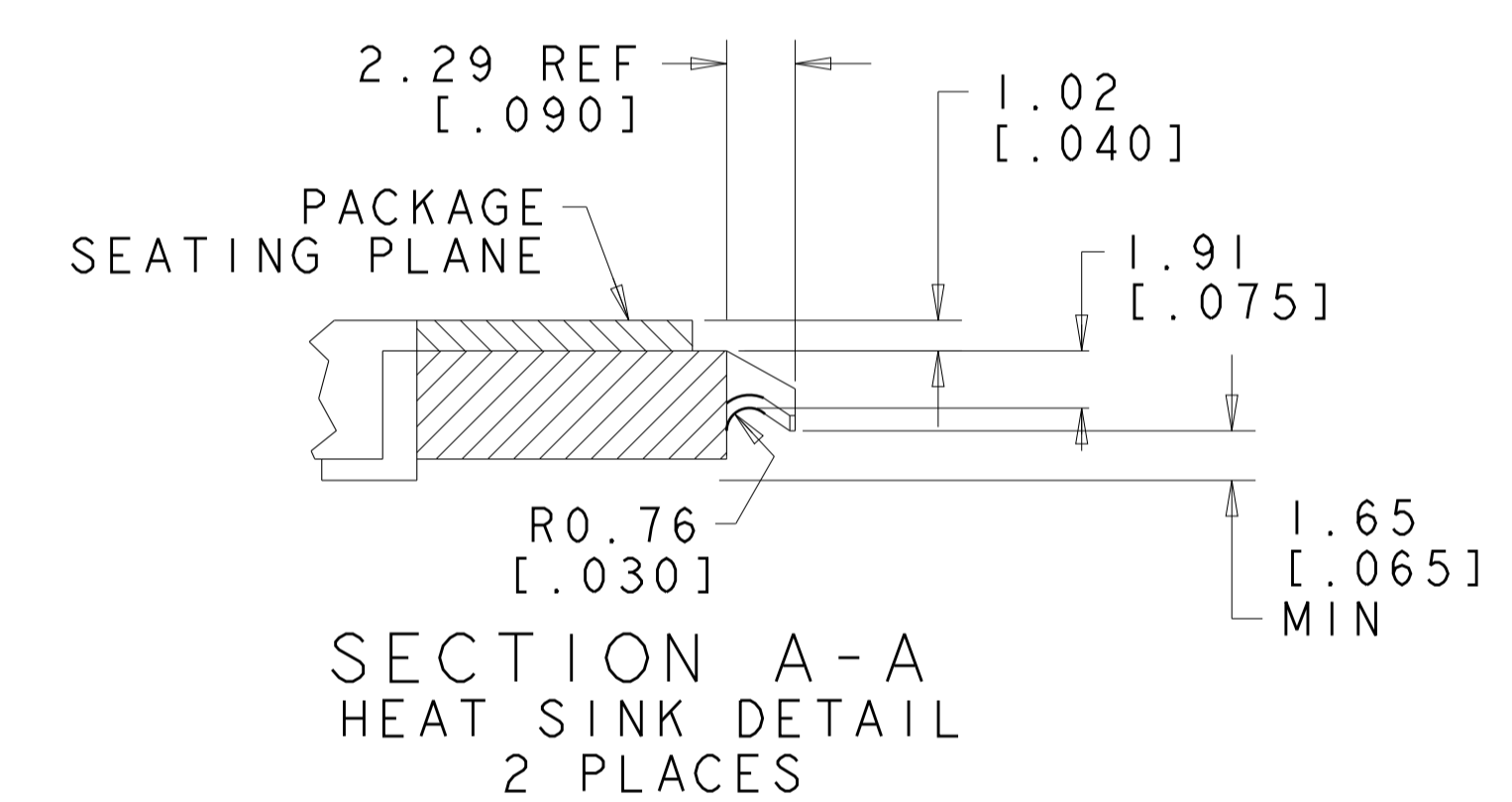
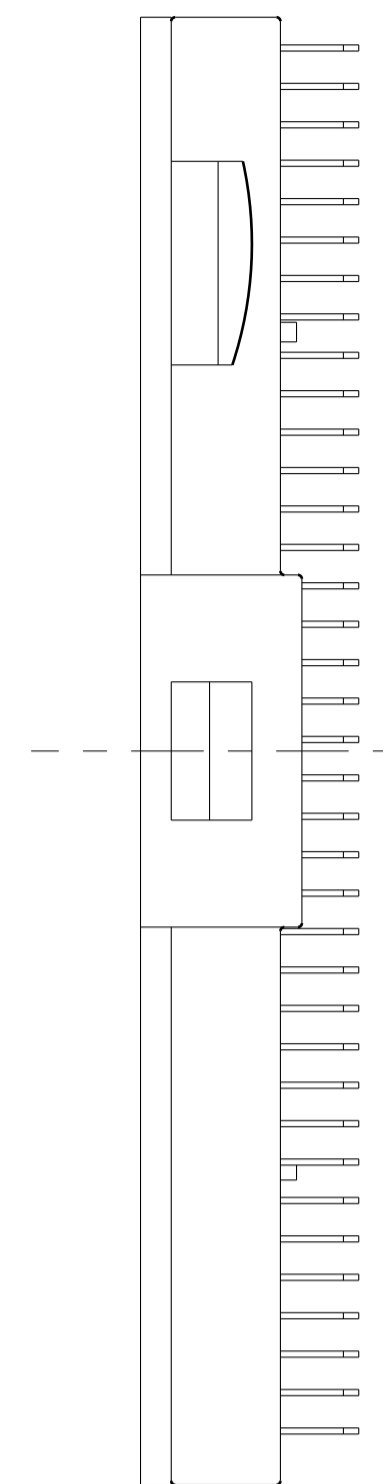
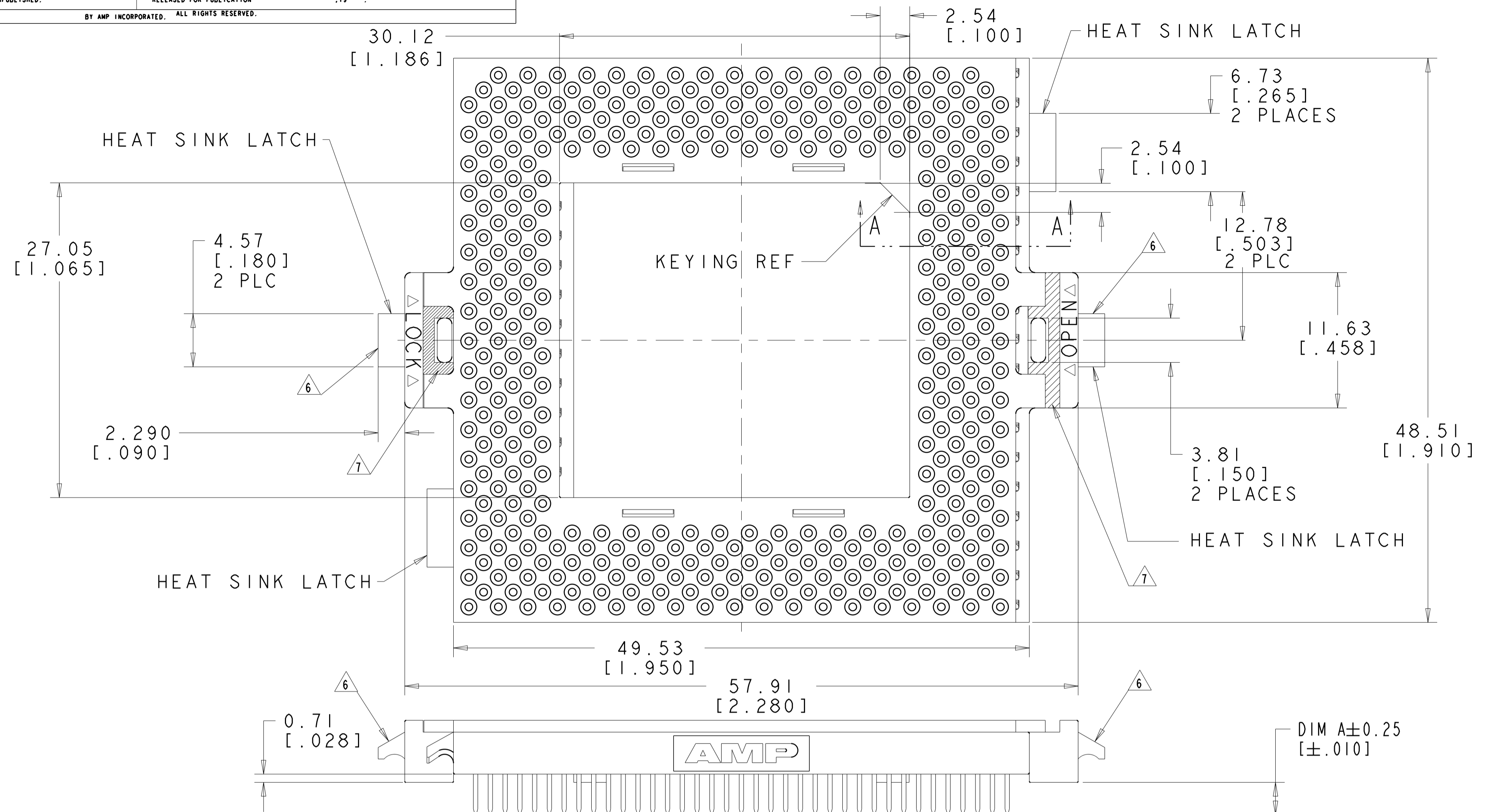


RECOMMENDED PCB HOLE LAYOUT  
 PART NUMBER 3-5916783-5, 371 POSITIONS  
 EXCEPT 371 POSITIONS PATTERN AND PGA371 LOGO, ALL OTHER DETAILS SAME AS ON SHEET 2.

THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. ALL IN-SPECT AND CONTROL POINTS, CONTROL AND INSPECTION OPERATIONS SHOULD BE CONTACTED FOR THE LATEST REVISION.		DATE: 15DEC2004	TE CONNECTIVITY Singapore
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TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.30 [0.012] 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		APPR: SE LEONG PRODUCT SPEC SEE TABLE APPLICATION SPEC SEE TABLE	SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5916783
MATERIAL		WEIGHT	SCALE: 3:1
CUSTOMER DRAWING		REV: PI	SHEET 3 of 6



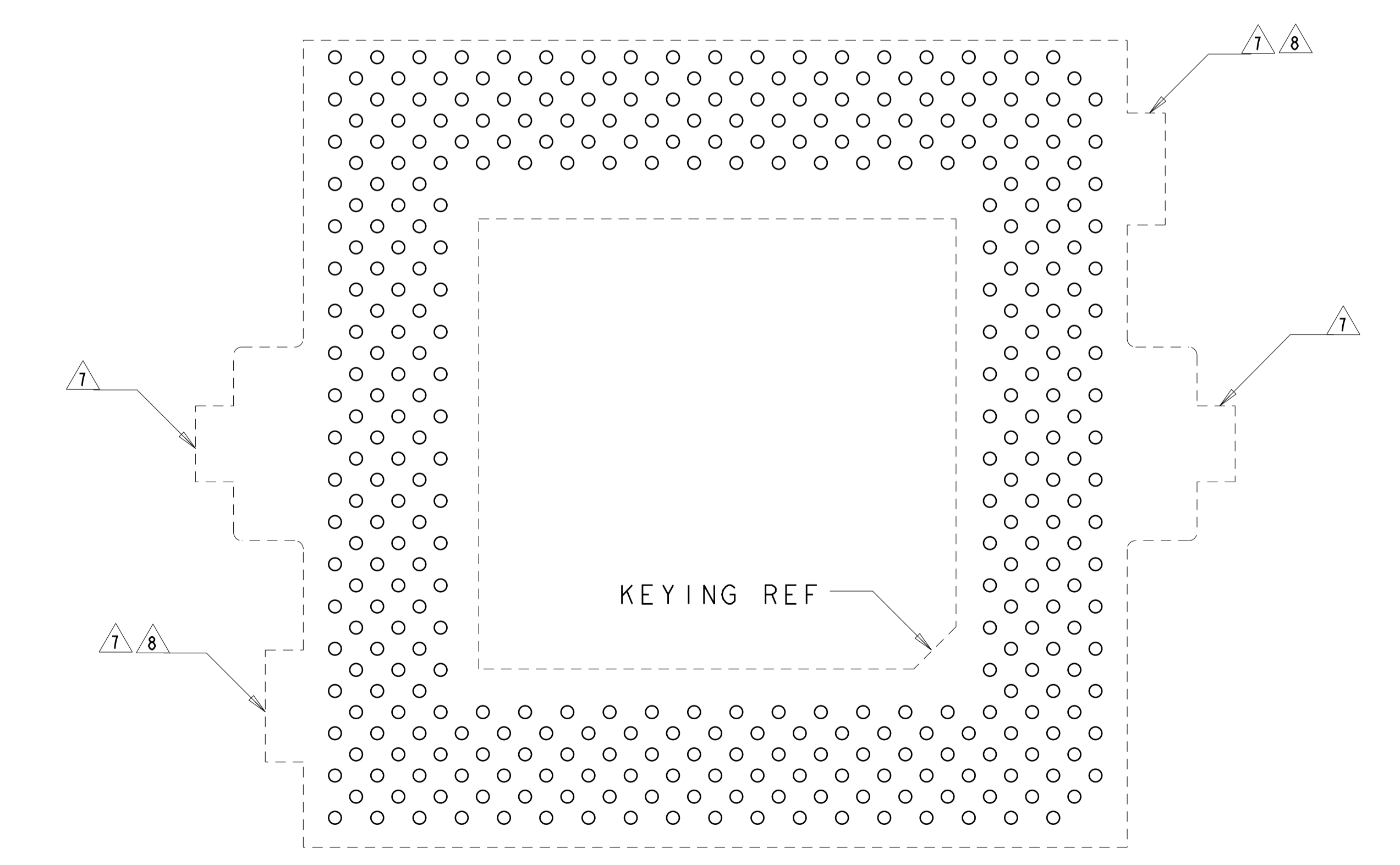
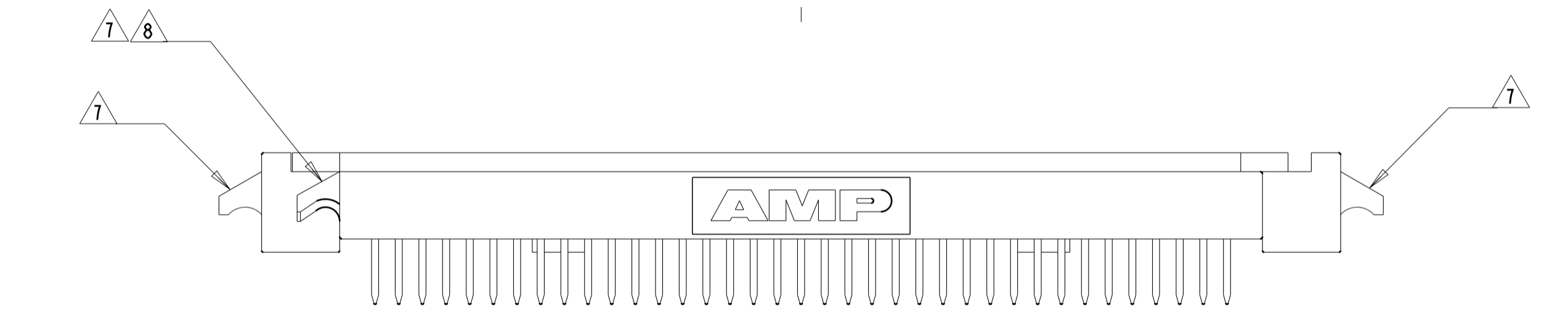
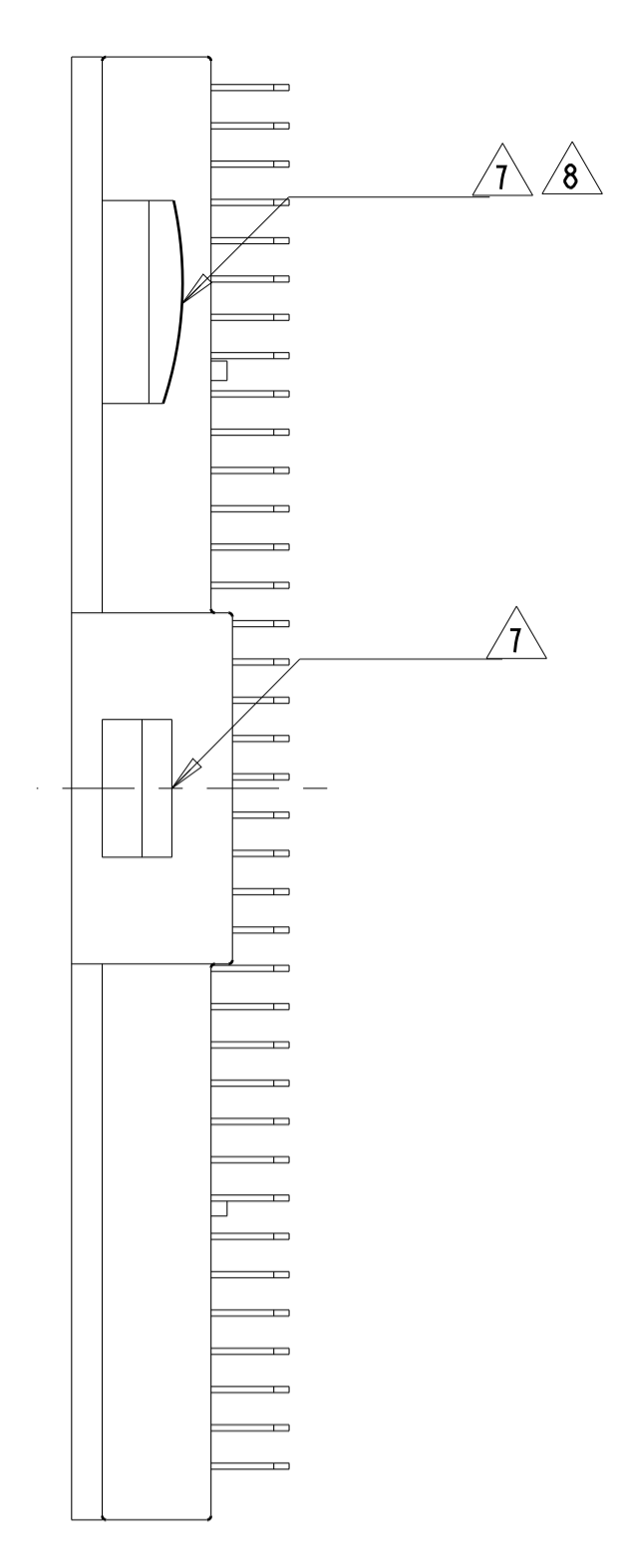
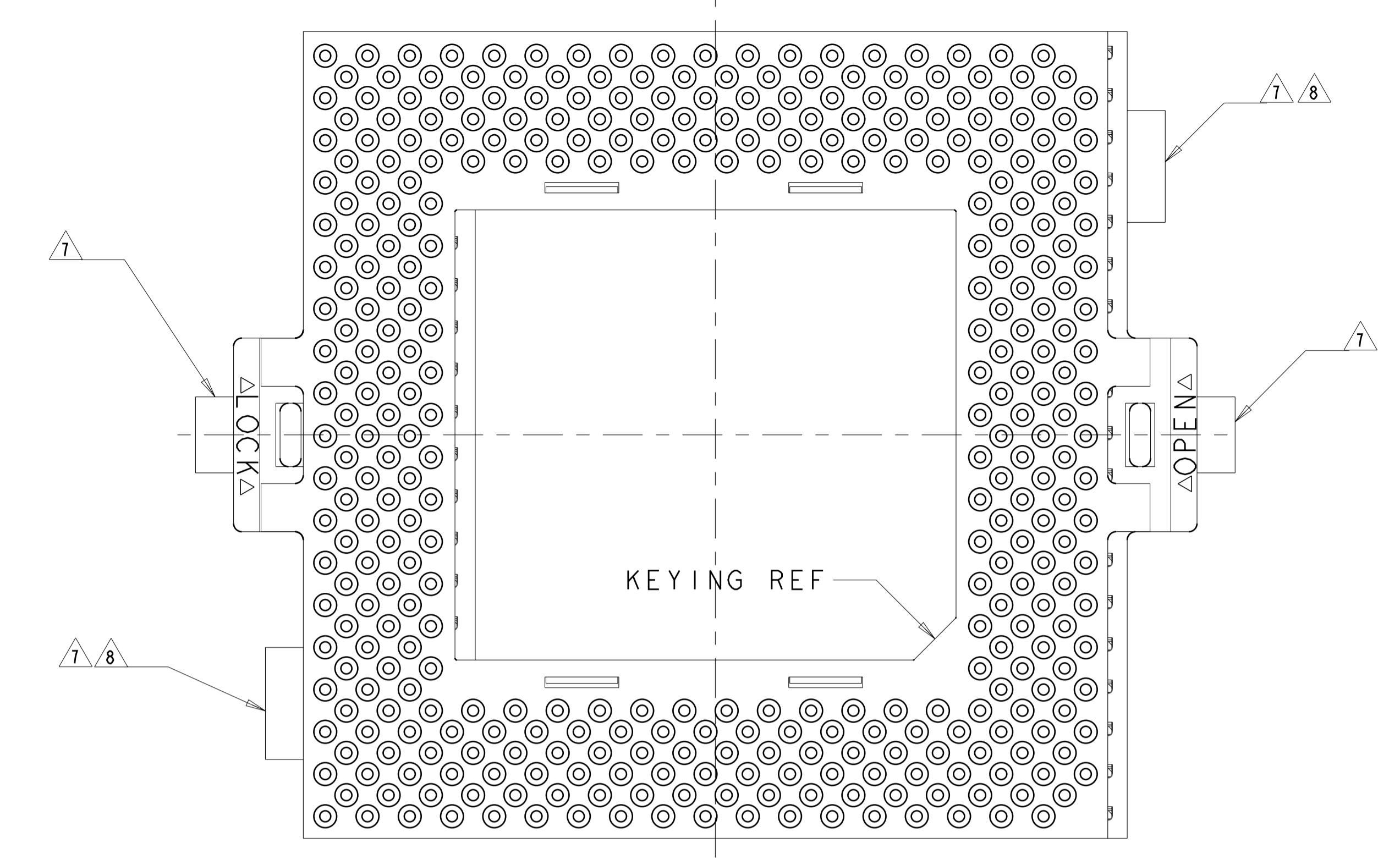
LOC	DIST	REVISIONS			
DATE	BY	DESCRIPTION	DATE	DWN	APPD
SEE TABLE					



▲ BLACK COLOUR MARKING ON HOUSING P/N: 4-5916783-7 ONLY.  
 ▲ HEAT SINK LATCHES ON 4-5916783-5, 4-5916783-6 AND 4-5916783-7

PART NUMBERS 4-5916783-2, 4-5916783-5 AND 4-5916783-6 & 4-5916783-7

<small>THIS DRAWING IS A CONTROLLED DOCUMENT FOR AMP INCORPORATED. ALL INQUIRIES AND COMMENTS SHOULD BE DIRECTED TO THE LATEST REVISION.</small>		DWN: WYLEE 15DEC2004 CHK: VINCENT TAN APD: SE LEONG PRODUCT SPEC: SEE TABLE APPLICATION SPEC: SEE TABLE	NAME: SOCKET ASSEMBLY, LOW PROFILE, ZIF PGA, 19 X 19 GRID SIZE: A1 CAGE CODE: 00779 DRAWING NO: 5916783 SCALE: 3:1
DIMENSIONS: mm [INCHES] 0 PLC ± 1 PLC ±.301 [0.012] 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ±.301 [0.012] 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ±	MATERIAL: FINISH:	WEIGHT: CUSTOMER DRAWING

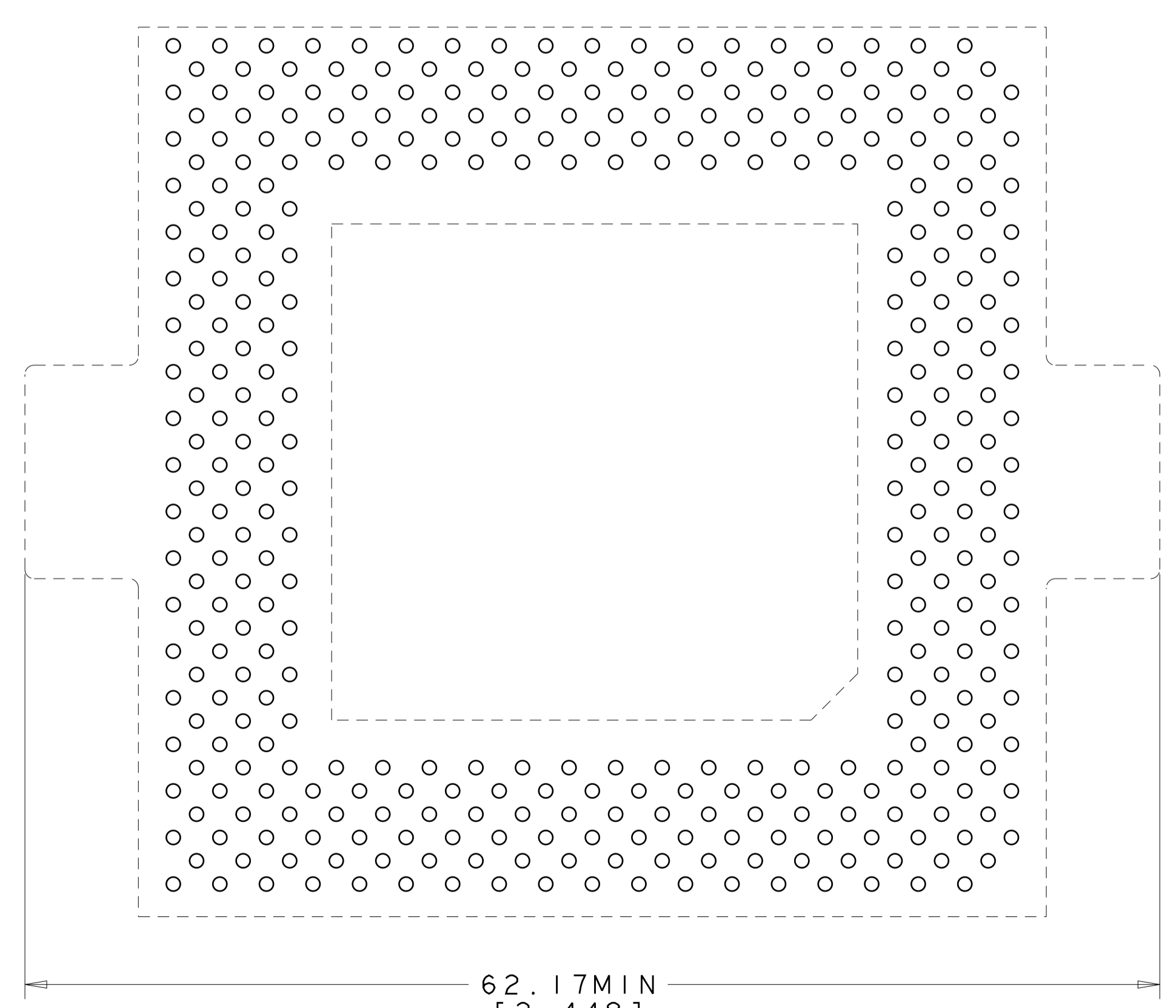
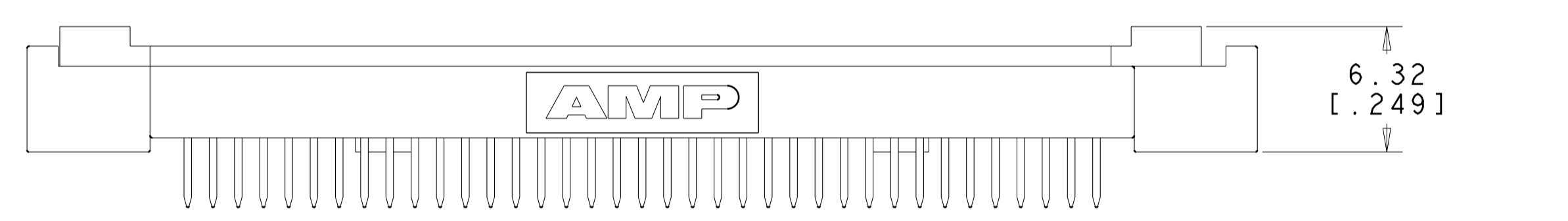
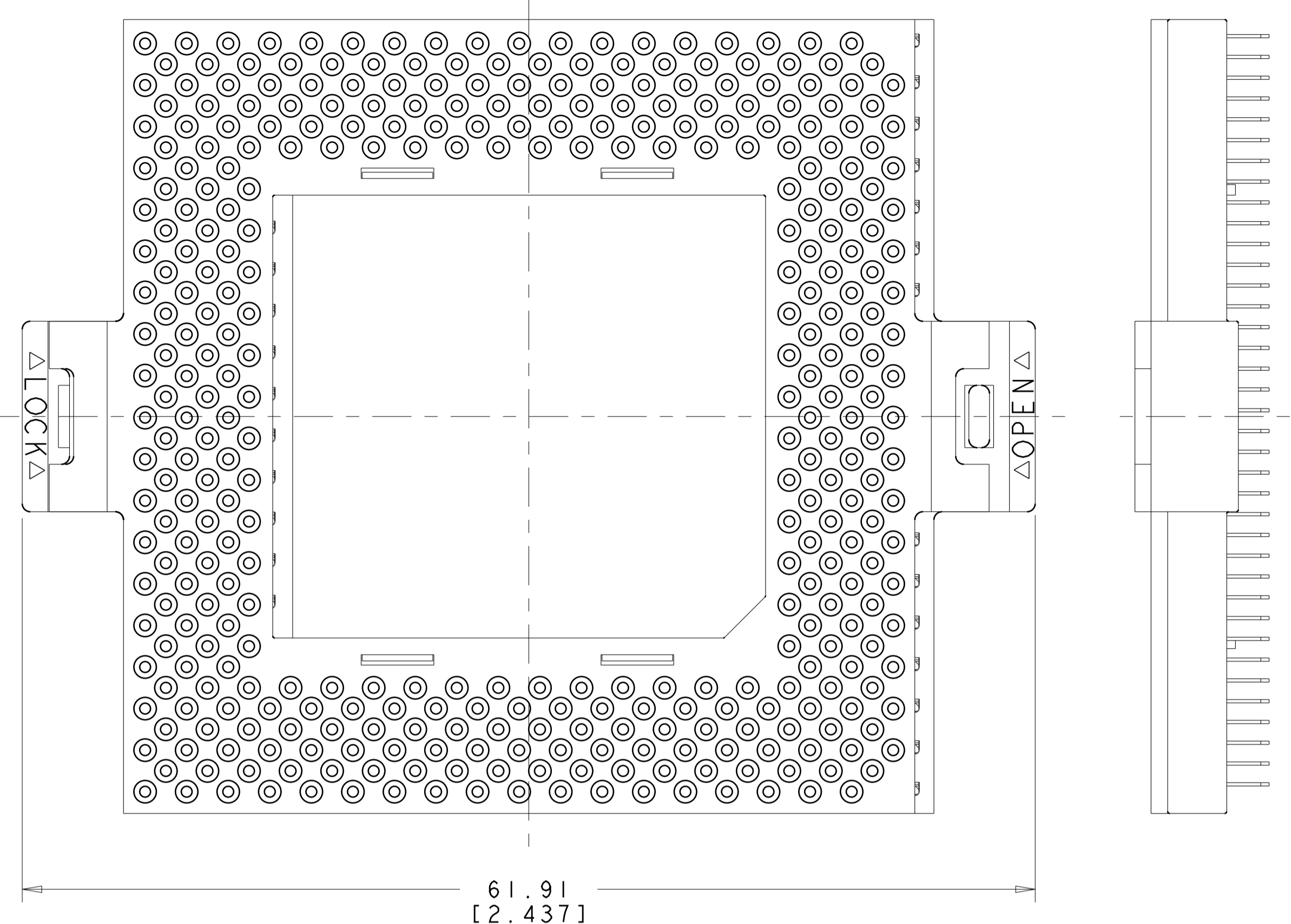


7 HEAT SINK LATCHES ON 5-5916783-5 ONLY.  
 8 HEAT SINK LATCHES ON 5-5916783-6 ONLY

RECOMMENDED PCB HOLE LAYOUT  
 PART NUMBERS 5-5916783-2, 5-5916783-5 AND 5-5916783-6  
 EXCEPT FOR PATTERN AND ROTATED KEYING  
 ALL OTHER DETAILS SAME AS SHEET 4

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DIMENSIONS: mm [INCHES] 0 PLG ± 1 PLG ± 2 PLG ±0.301 (0.121) 3 PLG ± 4 PLG ± ANGLES ± FINISH: 1	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLG ± 1 PLG ± 2 PLG ±0.301 (0.121) 3 PLG ± 4 PLG ± ANGLES ± FINISH: 2	CUSTOMER DRAWING	TE CONNECTIVITY Singapore

LOC	DIST	REVISIONS			
DATE	BY	DESCRIPTION	DATE	DWN	APPD
19	WY	SEE TABLE			



RECOMMENDED PCB HOLE LAYOUT

PART NUMBER 6-5916783-1

EXCEPT FOR PATTERN, ROTATED KEYING, NO HEAT SINK LATCHES AND EXTENDED ACTUATION TABS,  
 ALL OTHER DETAILS SAME AS 4-5916783-2

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DIMENSIONS: mm [INCHES]	TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ±0.301 (012) 3 PLC ± 4 PLC ± ANGLES ± FINISH	MATERIAL:	WEIGHT: - CUSTOMER DRAWING	SCALE: 3:1 SHEET: 6 of 6 REV: PI