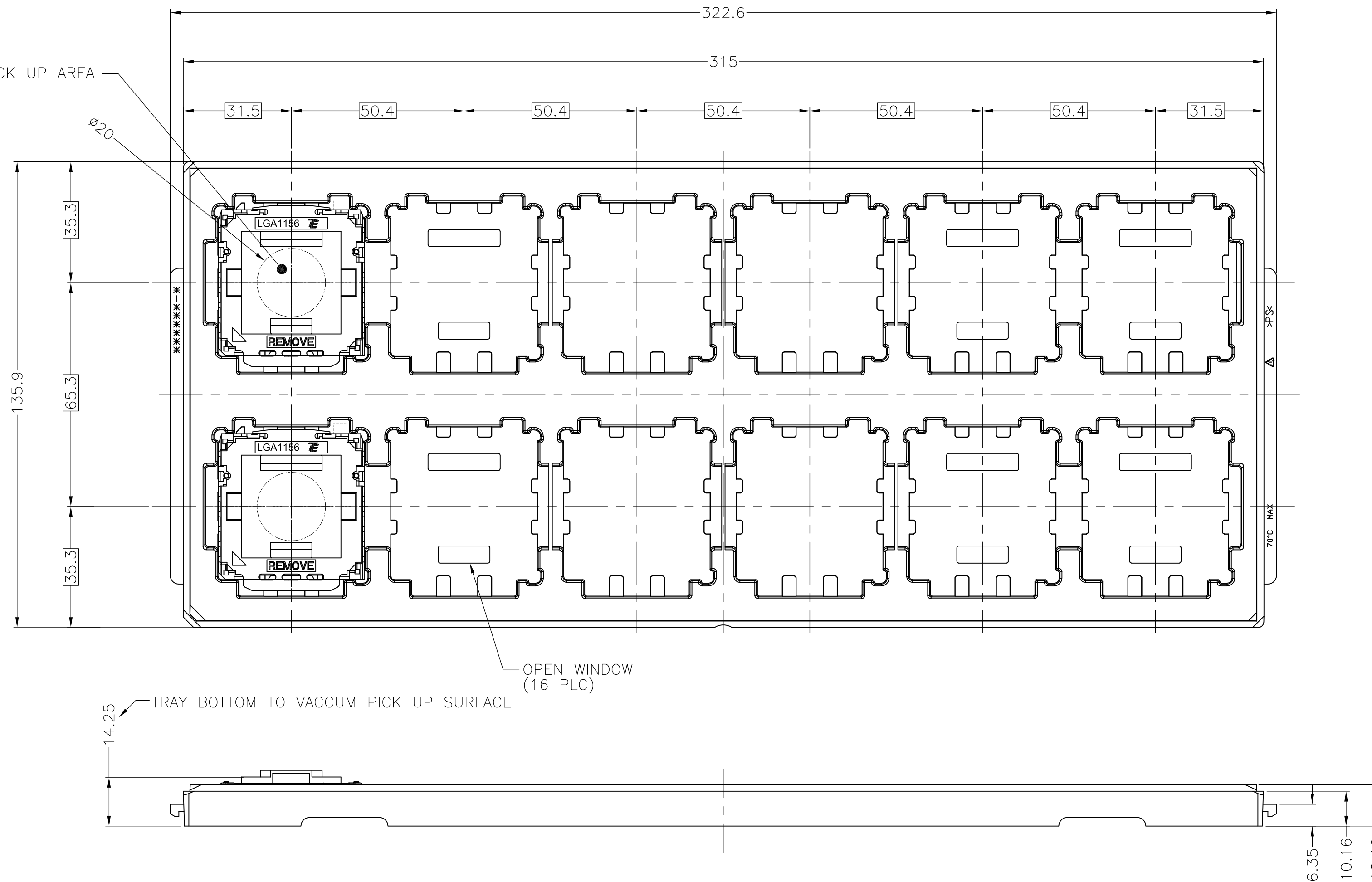


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LOC	DIST	REVISONS		
J	-	P	LTR	DESCRIPTION
		B1	REVISED	01JUL'11 J.M T.N

VACCUM PICK UP AREA



NOTES:

1. MATERIAL

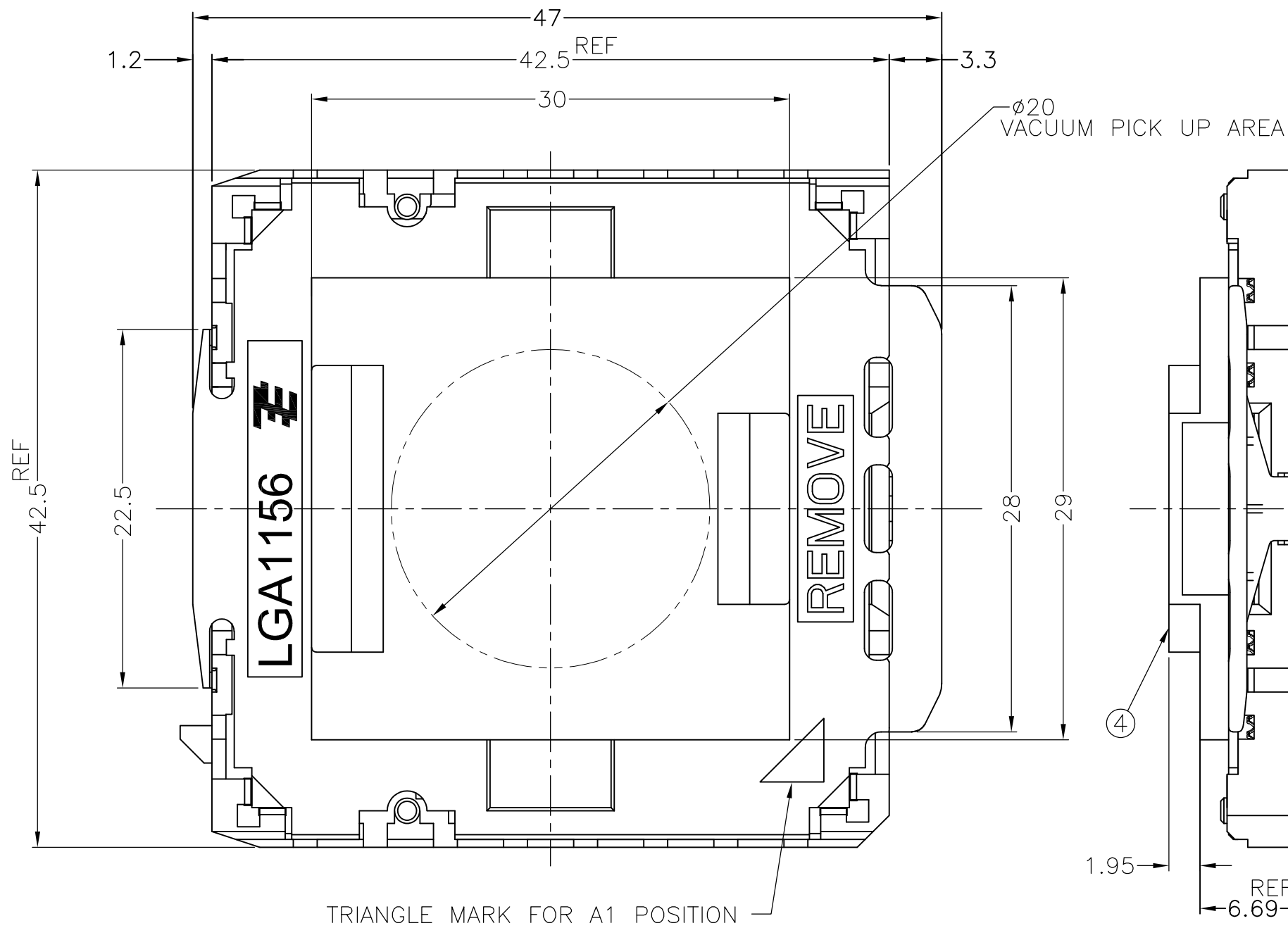
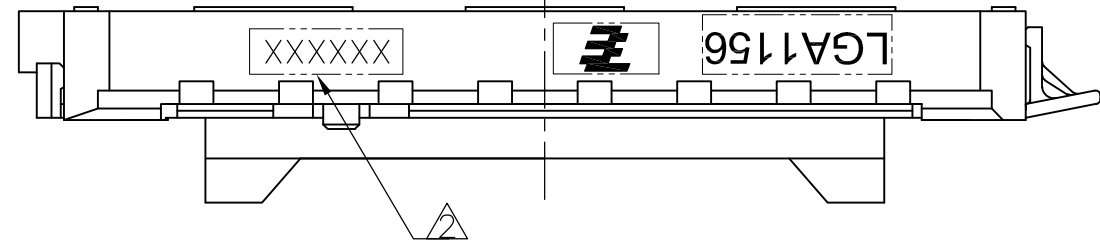
- ① HOUSING : HIGH TEMP, THERMO-PLASTIC, UL94V-0, BLACK
 - ② CONTACT : COPPER ALLOY
FINISH : Au PL. AT CONTACT AREA ON OVERALL OVER Ni UNDER PL. 0.00127 MIN.
 - ③ SOLDER BALL : Sn/Ag/Cu
 - ④ CAP : HIGH TEMP. THERMO-PLASTIC, UL94V-0, BLACK
- △ INDICATED DATE CODE ON THE HSG

2040540-2	GOLD FLASH PL
2040540-1	0.38 um MIN Au PL
PATR NUMBER	DESCRIPTION

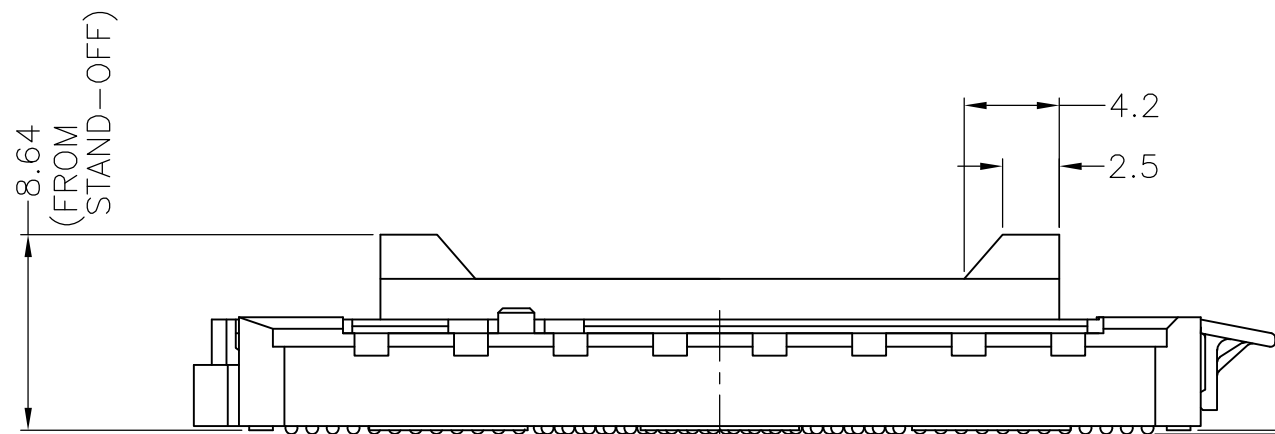
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	T.TOKUNAGA	20MAY2009		TE Connectivity		
DIMENSIONS: 单位: 转 mm		CHK	H.TAGUCHI	20MAY2009		NAME 名称	SOCKET ASSY	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	T.NAKASHIMA	20MAY2009			LGA1156	
0-PLC ± ±0.5 1-PLC ± ±3' 2-PLC ± ±3' 3-PLC ± ±3' 4-PLC ± ±3' ANGLES ± ±		PRODUCT SPEC	108-78586			SIZE	A2	DRAWING NO 番号
MATERIAL 材料		APPLICATION SPEC	114-5444		CAGE CODE	00779	C=2040540	
FINISH 仕上		WEIGHT	9.8g		RESTRICTED TO	-		
		CUSTOMER DRAWING			SCALE 尺度	1:1	SHEET 1 of 5	
					REV	B1		

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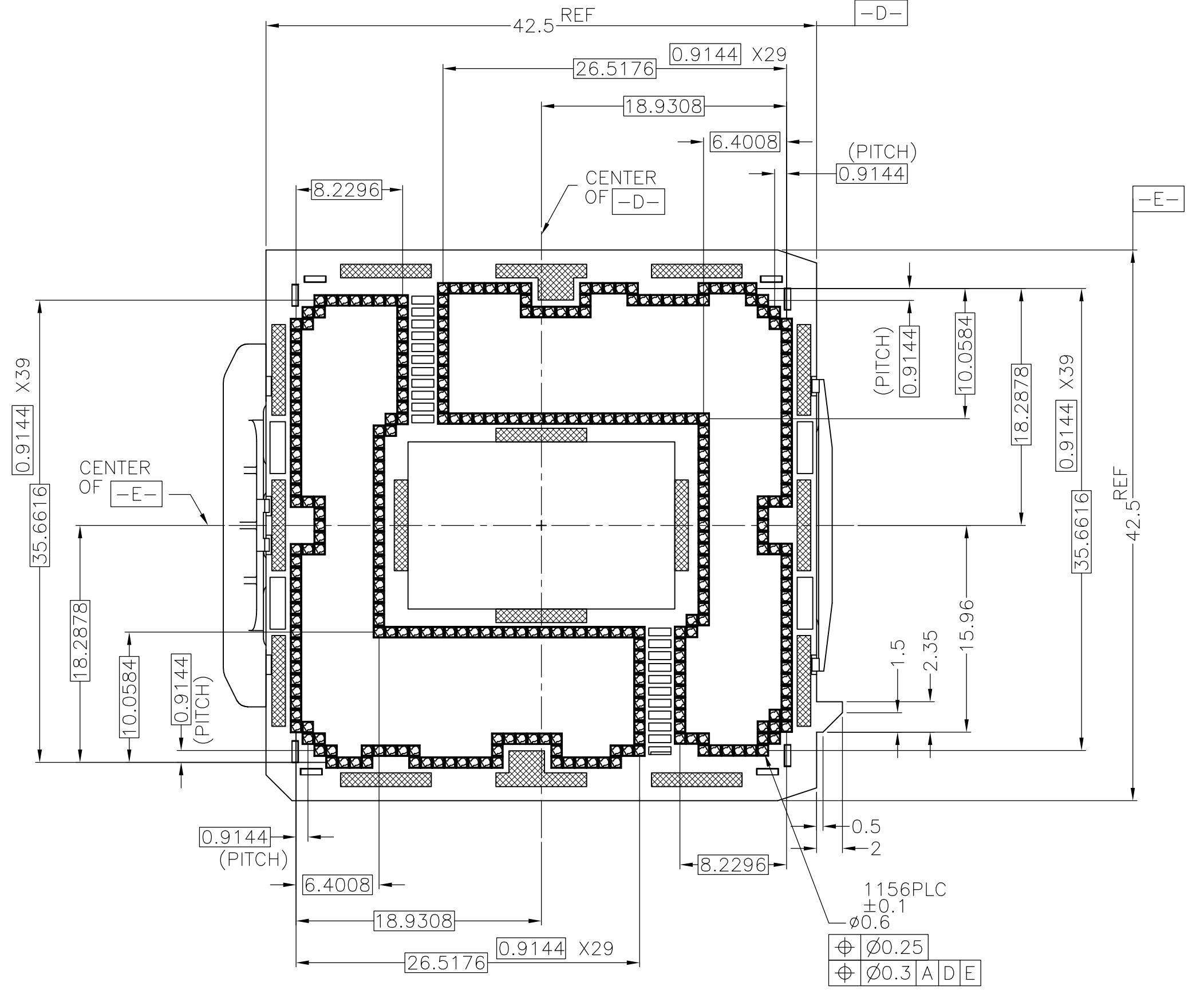
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		



TRIANGLE MARK FOR A1 POSITION



0.2
(SOLDER BALL COPLANARITY)



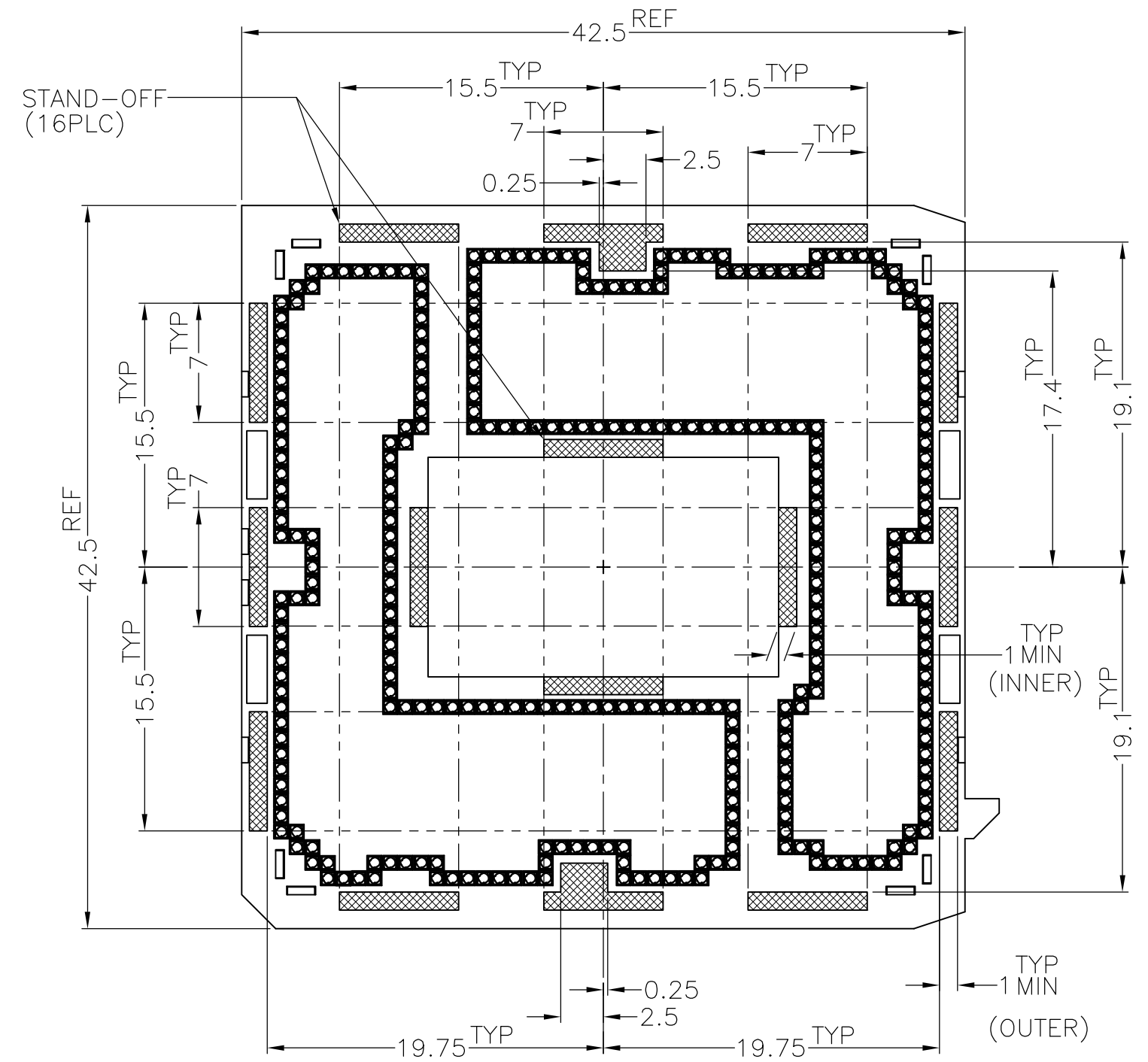
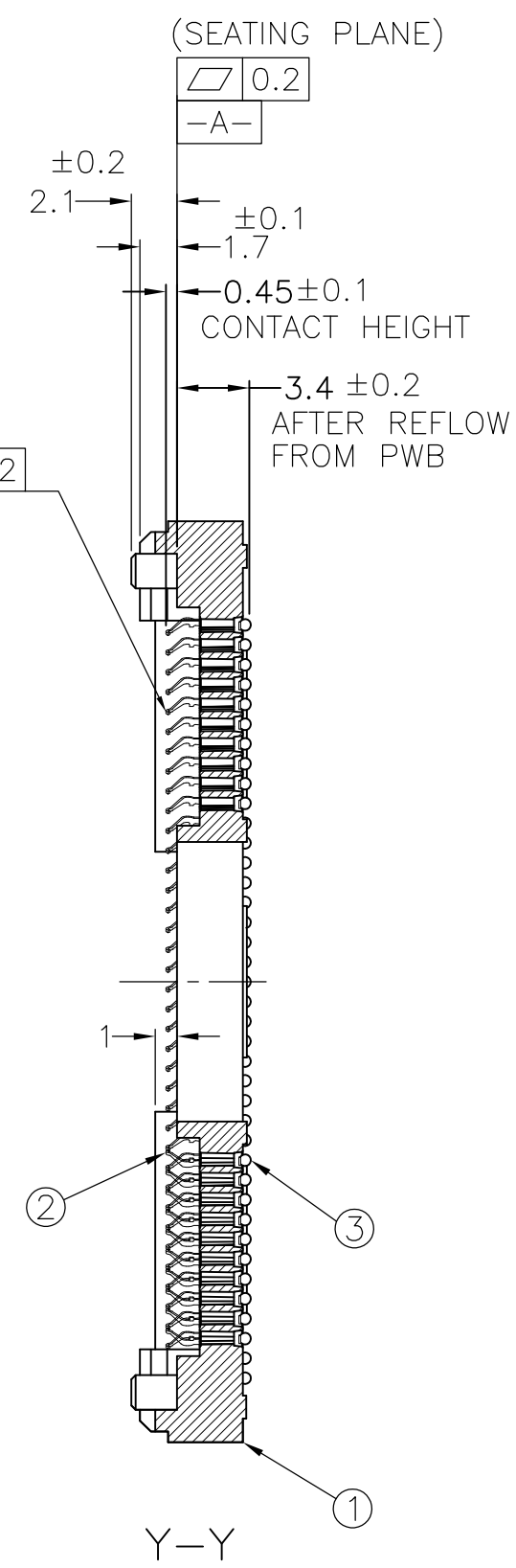
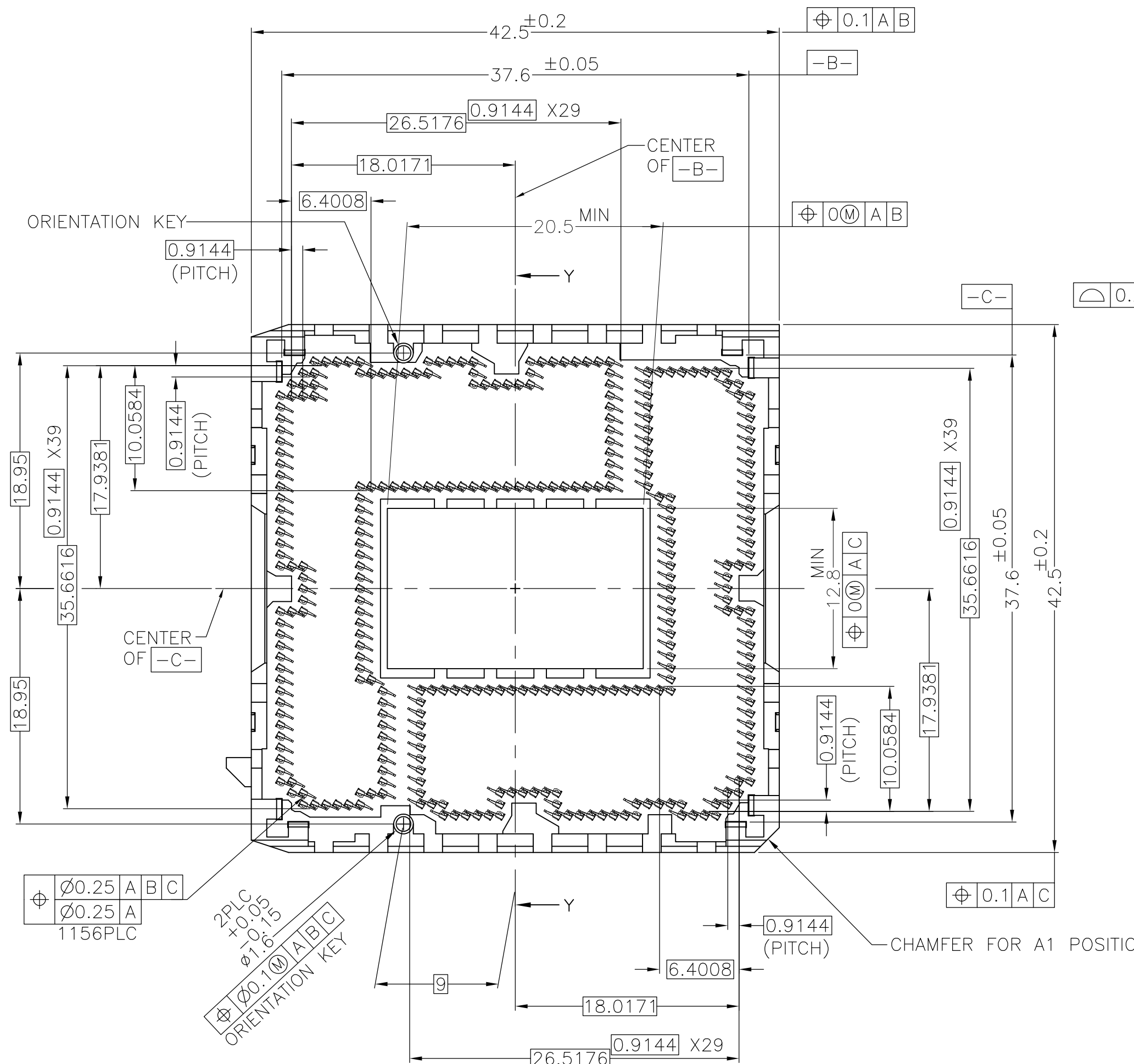
1156PLC
 ± 0.1
 $\varnothing 0.6$
 $\varnothing 0.25$
 $\varnothing 0.3$ A D E

2040540-X : AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: 單位: 毫米 mm		CHK	SOCKET ASSY LGA1156	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	SIZE	RESTRICTED TO
\varnothing PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 0.1		NAME	CAGE CODE	REV
MATERIAL 材料		PRODUCT SPEC 製品規格	DRAWING NO 番号	
FINISH 仕上		APPLICATION SPEC 取付適用規格	SCALE 尺度	
		WEIGHT	00779	
		CUSTOMER DRAWING	2040540	
		SCALE 尺度	NTS	
		SHEET	2 of 5	
		REV	B1	

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LOC		DIST		REVISIONS			DATE	DWN	APVD
P	LTR	DESCRIPTION							
-	-	SEE SHEET 1			-	-	-	-	



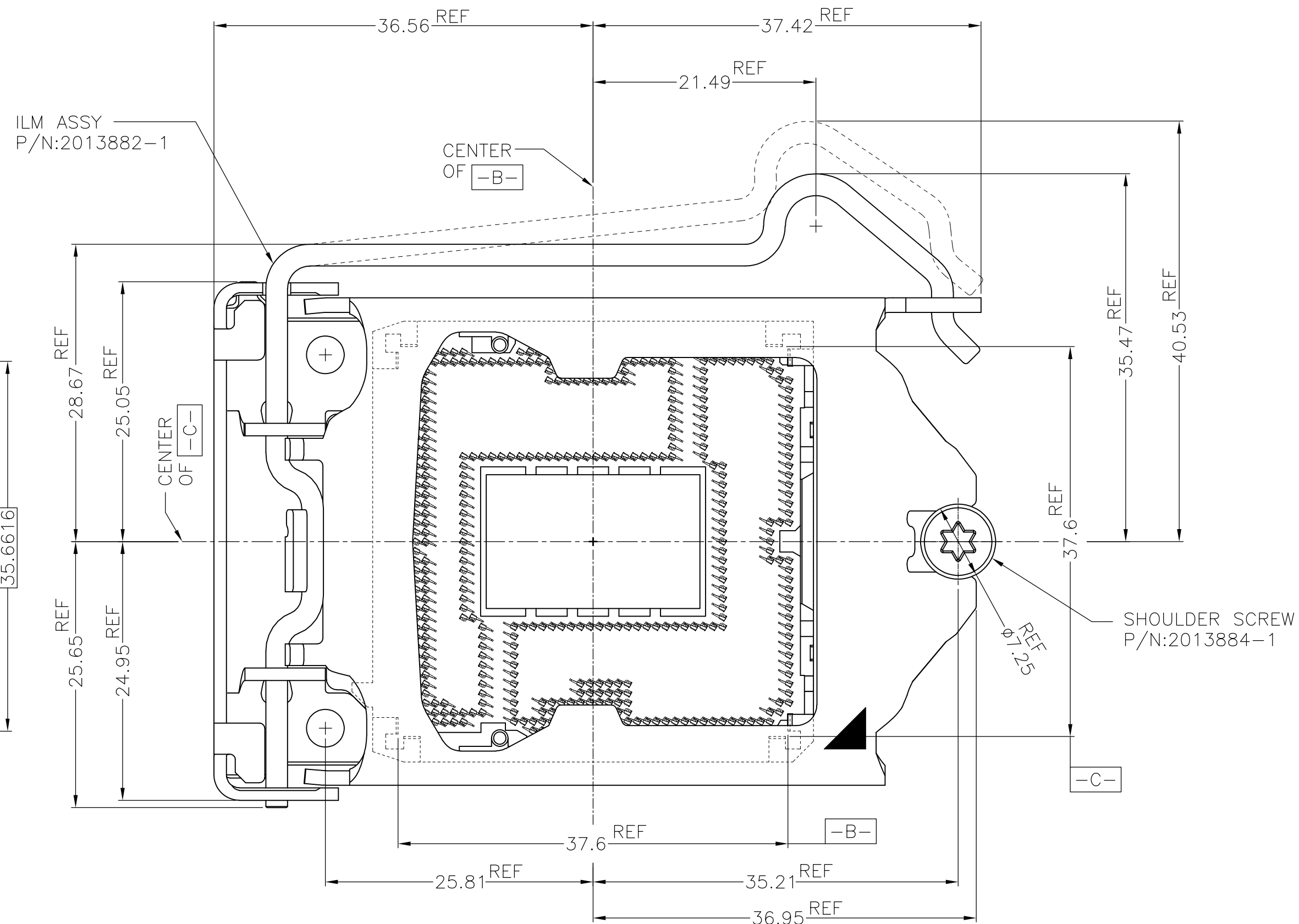
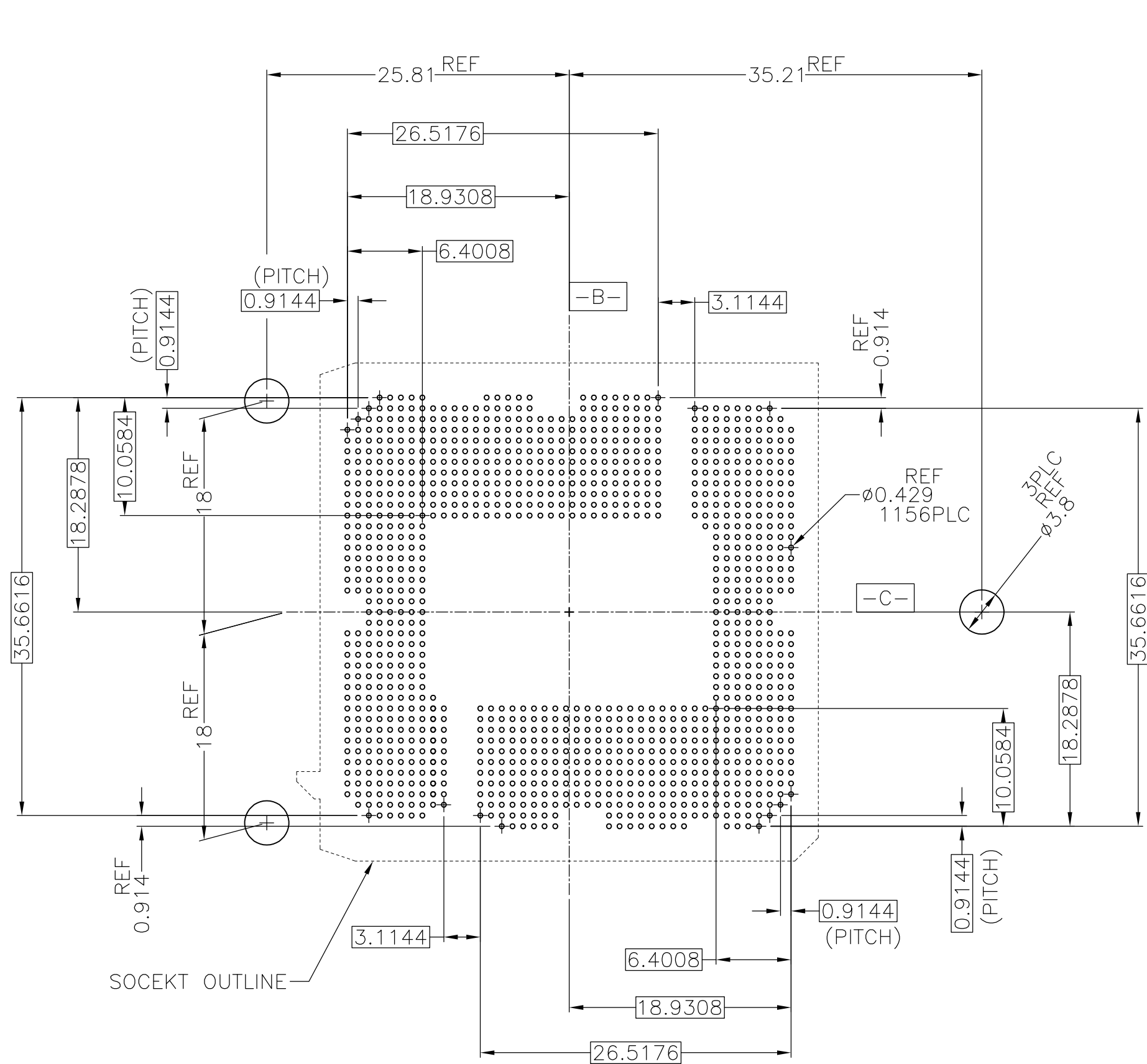
THESE VIEWS DON'T SHOW CAP

2040540-X : AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: 單位: 精 mm		CHK	SOCKET ASSY LGA1156	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	SIZE	RESTRICTED TO
0-PLC ± ±0.3 1-PLC ± ±3 2-PLC ± ±3 3-PLC ± ±3 4-PLC ± ±3 ANGLES ± ±1		PRODUCT SPEC	CAGE CODE	
MATERIAL 材料		APPLICATION SPEC	DRAWING NO	REV
FINISH 仕上		WEIGHT	A2 00779 C=2040540	B1
		CUSTOMER DRAWING	SCALE NTS	SHEET 3 of 5

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LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		



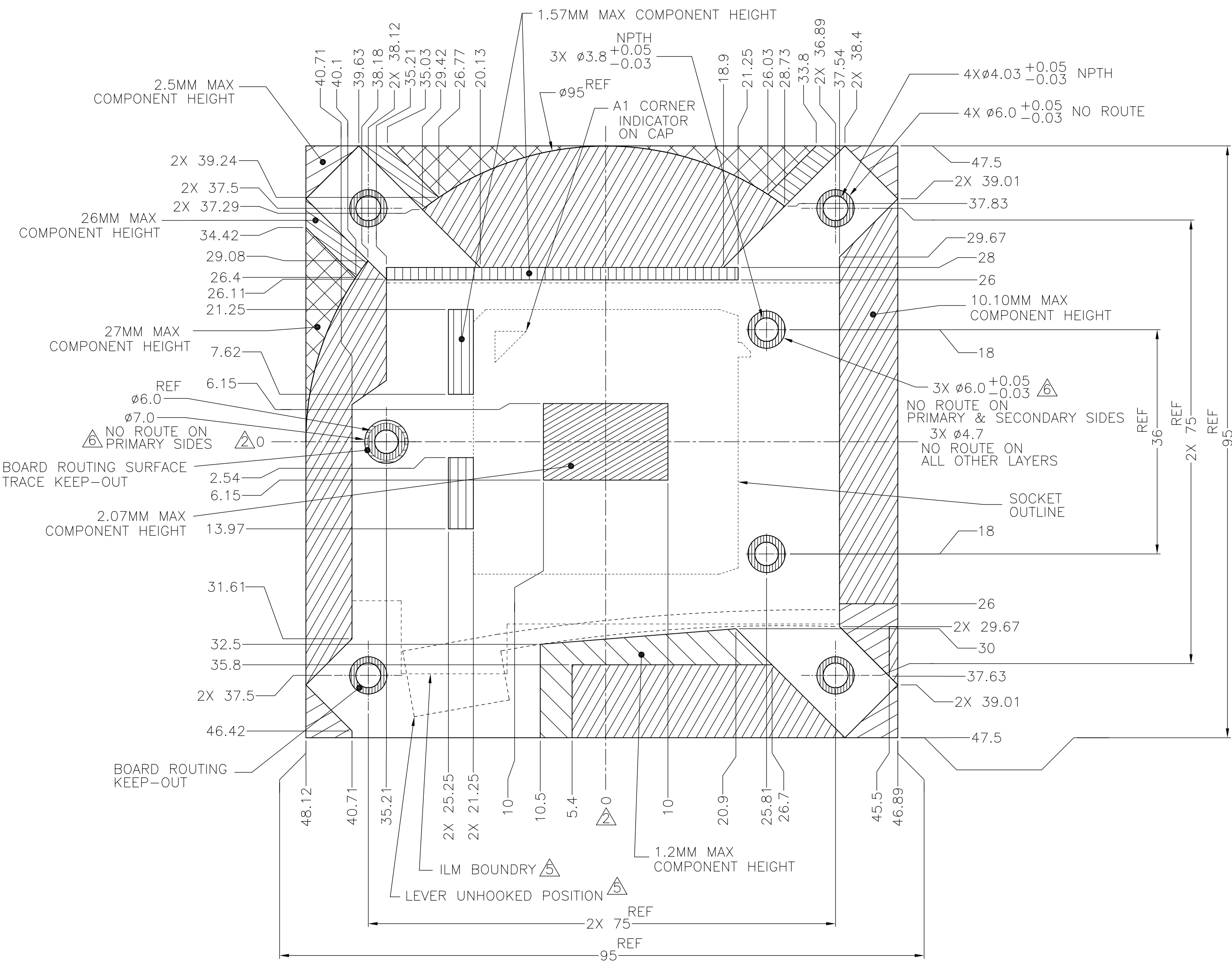
ILM ASSEMBLY OCCUPATION AREA
(REFERENCE)
CAP IS NOT SHOWN ON THIS VIEW

FOR GENERAL BOARD DESIGN, PLEASE REFER TO THE THERMAL AND MECHANICAL DESIGN GUIDELINES(TMDG) PROVIDED BY INTEL CORPORATION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity		
DIMENSIONS: 單位: 毫米 mm		CHK	NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	PRODUCT SPEC 製品規格		
0 PLC ± 0.3 1 PLC ± 0.3 2 PLC ± 0.3 3 PLC ± 0.3 4 PLC ± 0.3 ANGLES ± 0.5 FINISH 仕上		APPLICATION SPEC 取付適用規格		SIZE	RESTRICTED TO
MATERIAL 材料		WEIGHT	CAGE CODE	DRAWING NO 番号	
		CUSTOMER DRAWING	A2	00779	02040540
		SCALE 尺度	NTS	SHEET 張数	4 of 5
				REV	B1

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LOC		DIST		REVISIONS			DATE	DWN	APVD
P	LTR	DESCRIPTION							
-	-	SEE SHEET 1			-	-	-	-	-



- NOTES (APPLIED TO SHEET 5 OF 5):
1. DIMENSIONS ARE IN MILLIMETERS
 2. Δ GEOMETRIC CENTER OF SOCKET HOUSING CAVITY
 3. BOARD COMPONENT KEEP-INS AND MECHANICAL COMPONENT KEEP-OUTS TO BE UTILIZED WITH SUFFICIENT ALLOWANCES FOR PLACEMENT AND SIZE TOLERANCES, ASSEMBLY PROCESS ACCESS, AND DYNAMIC EXCURSIONS.
 4. ASSUME SYMMETRY FOR UNDIMENSIONED CORNERS AND EDGES.
- Δ FOR UNDEFINED DIMENSIONS, REFER TO THERMAL AND MECHANICAL DESIGN GUIDELINE PROVIDED BY INTEL CORPORATION.
- Δ COPPER PAD ON PRIMARY SIDE, NON-GROUNDED. COPPER PAD CAN INSET A MAXIMUM OF 0.127MM FROM THE NO ROUTE EDGE
- Δ COMBINED COMPONENT AND SOLDER PASTE HEIGHT INCLUDING TOLERANCES AFTER REFLOW.

COMPONENT KEEP-INS AND MECHANICAL COMPONENT KEEP-OUTS

FOR REFERENCE ONLY, PLEASE REFER TO THE THERMAL AND MECHANICAL DESIGN GUIDELINES(TMDG) PROVIDED BY INTEL CORPORATION

LEGEND	
	SOCKET/THERMAL/MECHANICAL COMPONENT KEEP-INS
	10.10MM MAX COMPONENT HEIGHT Δ
	1.57MM MAX COMPONENT HEIGHT Δ
	1.2MM MAX COMPONENT HEIGHT Δ
	BOARD ROUTING KEEP-OUT
	27MM MAX COMPONENT HEIGHT Δ
	BOARD ROUTING SURFACE TRACE KEEP-OUT Δ
	2.07MM MAX COMPONENT HEIGHT Δ
	2.5MM MAX COMPONENT HEIGHT Δ
	26MM MAX COMPONENT HEIGHT Δ

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-		 TE Connectivity	NAME		-				
DIMENSIONS: 单位: 毫米 mm		CHK	-			PRODUCT SPEC		-				
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	-		APPLICATION SPEC		-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH 仕上		MATERIAL 材料		WEIGHT -		A2 00779		C=2040540		-		
		CUSTOMER DRAWING		SCALE 尺度 NTS		SHEET 5 of 5		REV B1				