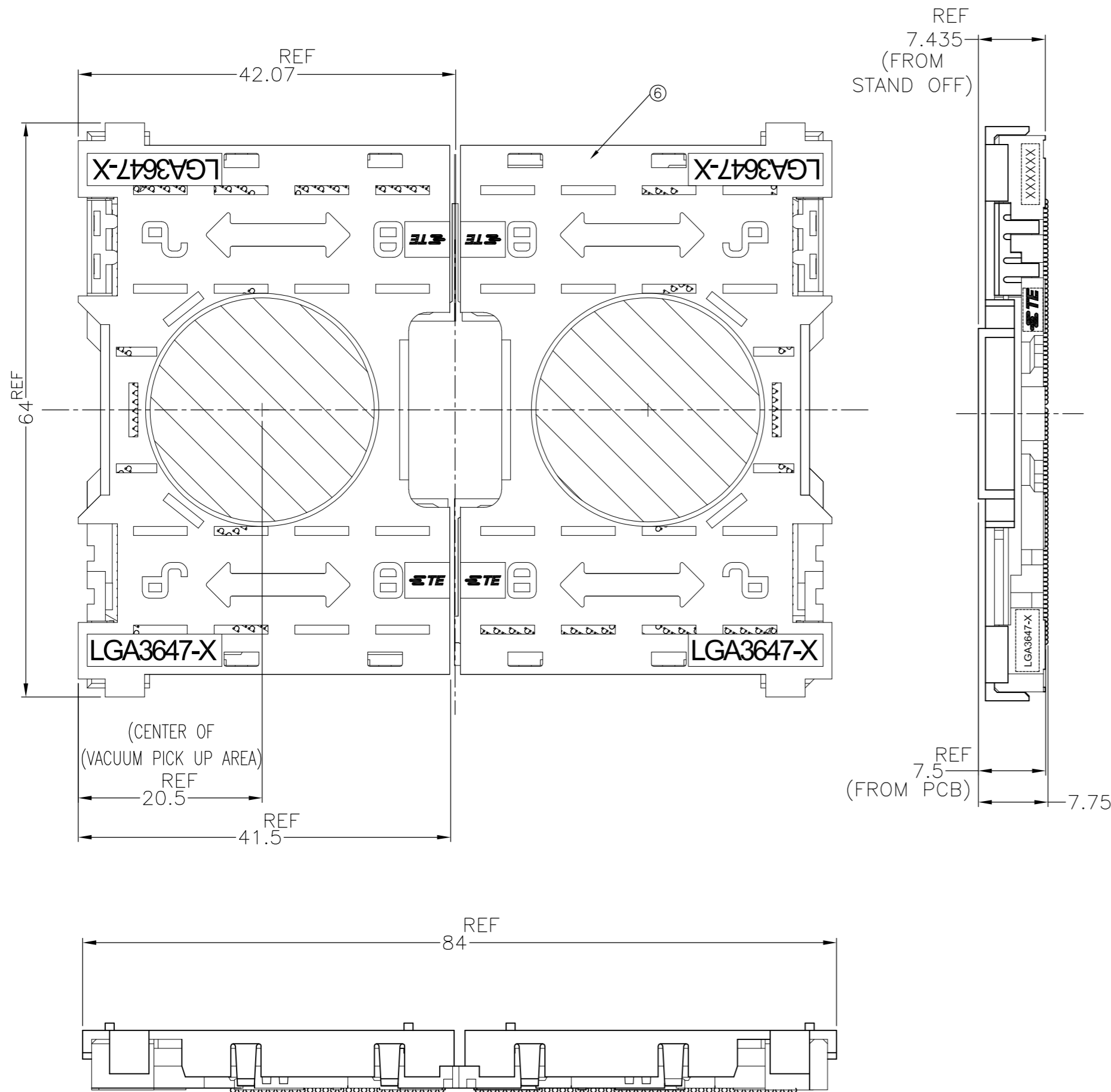


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LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	-	B		ECR-16-016785	28NOV2016	B.L	C.W



AFTER SMT CONDITION (WITH CAP)

1. MATERIAL

- ① HOUSING : HIGH TEMP, THERMO-PLASTIC, UL94V-0, BLACK
- ② CONTACT : COPPER ALLOY  
FINISH : Au PL. SHOW AS  $\Delta$  AT CONTACT AREA  
ON OVERALL OVER Ni UNDER PL. 0.00127 MIN.
- ③ SOLDER BALL : Sn/Ag/Cu
- ④ KEY HSG LEFT : HIGH TEMP. THERMO-PLASTIC, UL94V-0, BLACK
- ⑤ KEY HSG RIGHT: HIGH TEMP. THERMO-PLASTIC, UL94V-0, P0 YELLOW, P1 NATURAL
- ⑥ CAP : HIGH TEMP. THERMO-PLASTIC, UL94V-0, NATURAL

$\Delta$  INDICATED DATE CODE , TYCO LOGO, PRODUCT NAME ON THE HSG

3. THIS PRODUCT IS RESTRICTED TO INTEL CORPORATION

$\Delta$  FOR NORMAL ORDER, LEFT AND RIGHT SEGMENT SHOULD ORDER AT SAME TIME

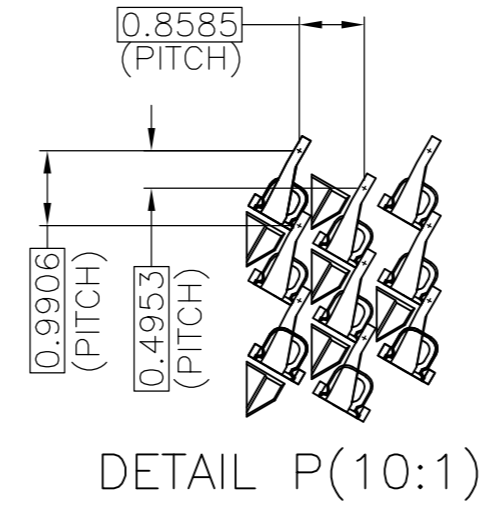
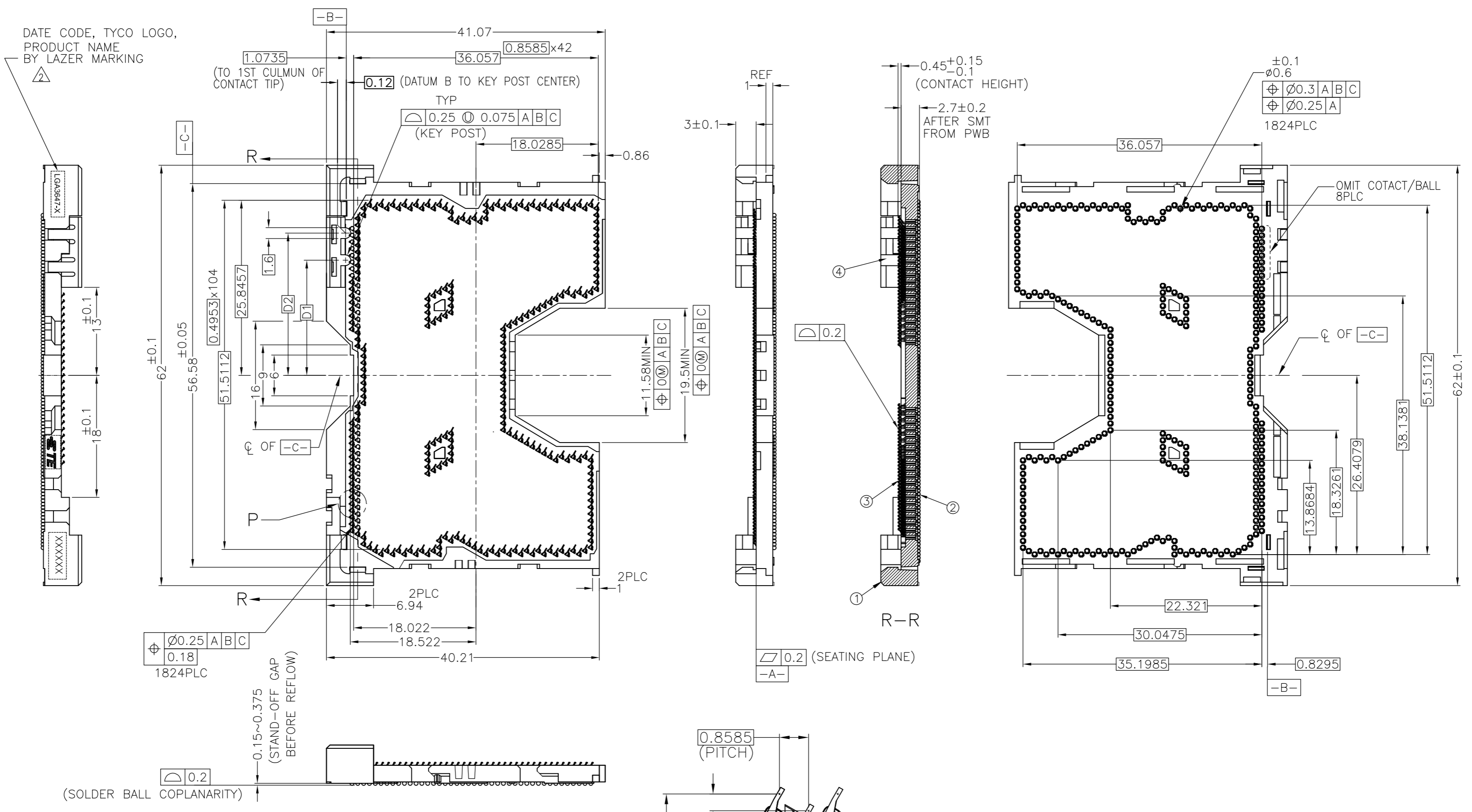
	LGA3647-1 SOCKET P1	LGA3647-0 SOCKET P0			
	30u"Min Au	30u"Min Au			
	$\Delta$				
	LGA3647-1 RIGHT SEGMENT	LGA3647-1 LEFT SEGMENT	LGA3647-0 RIGHT SEGMENT	LGA3647-0 LEFT SEGMENT	PRODUCT NAME
	2822980-4	1-2822980-4	2822980-3	1-2822980-3	ASSY PART NUMBER

14.5	21	17	1	1	1	1	2-2129710-8
		16					2-2129710-7
							2-2129710-6
							2-2129710-5
PRODUCT WEIGHT (g/SOCKET)	DIMENSION D2	DIMENSION D1	QTY.		ORDER PART NO.		

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN T.KUO 04MAR2015	TE Connectivity			
DIMENSIONS: mm		CHK M.CHAO 04MAR2015				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD M.CHAO 04MAR2015	NAME			
0-PLC ± 1-PLC ± ±0.3 2-PLC ± ±3 3-PLC ± ±3 4-PLC ± ± ANGLES ± -		PRODUCT SPEC 108-115115	SOCKET ASSY LGA3647-X			
MATERIAL		APPLICATION SPEC 114-115011	SIZE A2	CAGE CODE 00779	DRAWING NO C=2129710	RESTRICTED TO
FINISH		WEIGHT -	SCALE NTS	SHEET 1 of 7	REV B	
		CUSTOMER DRAWING				

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

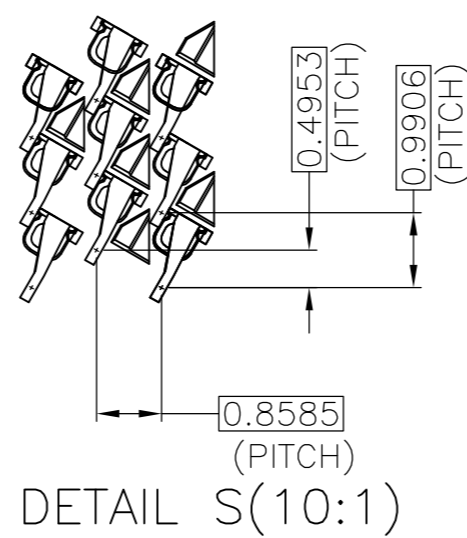
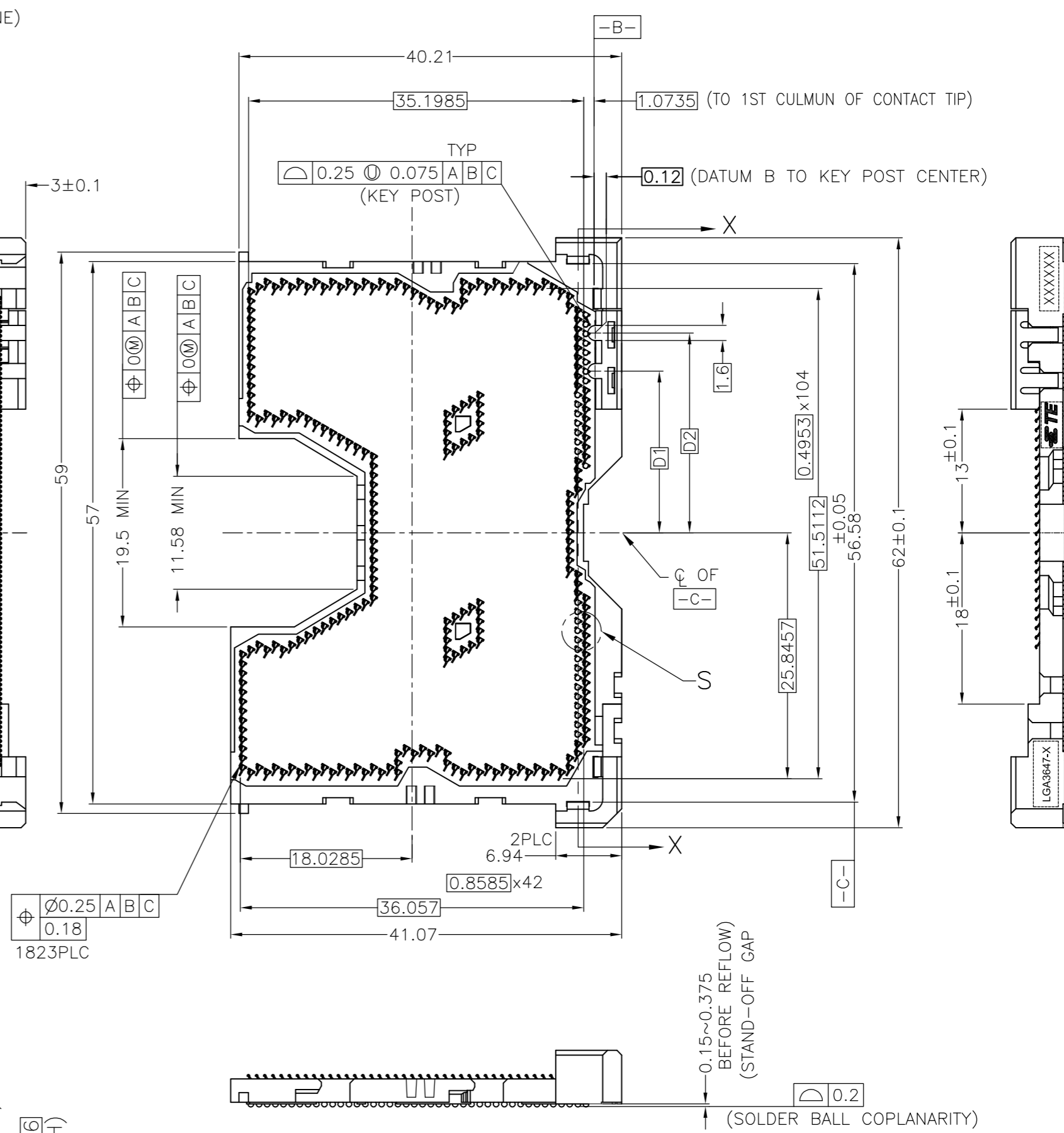
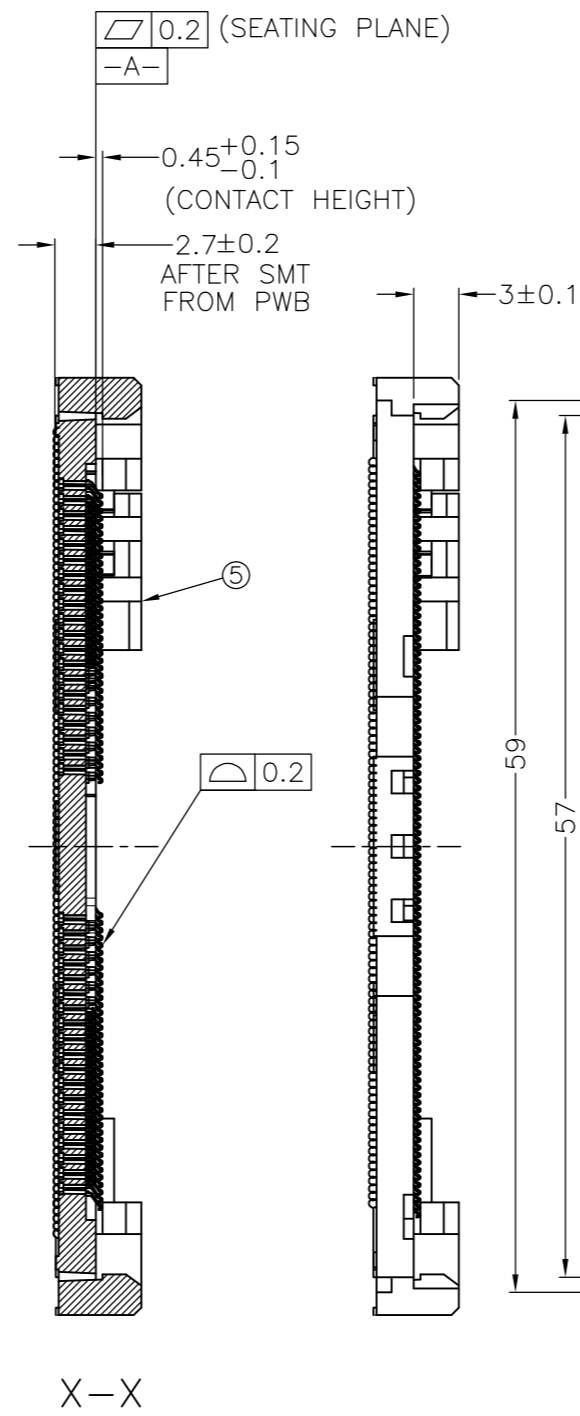
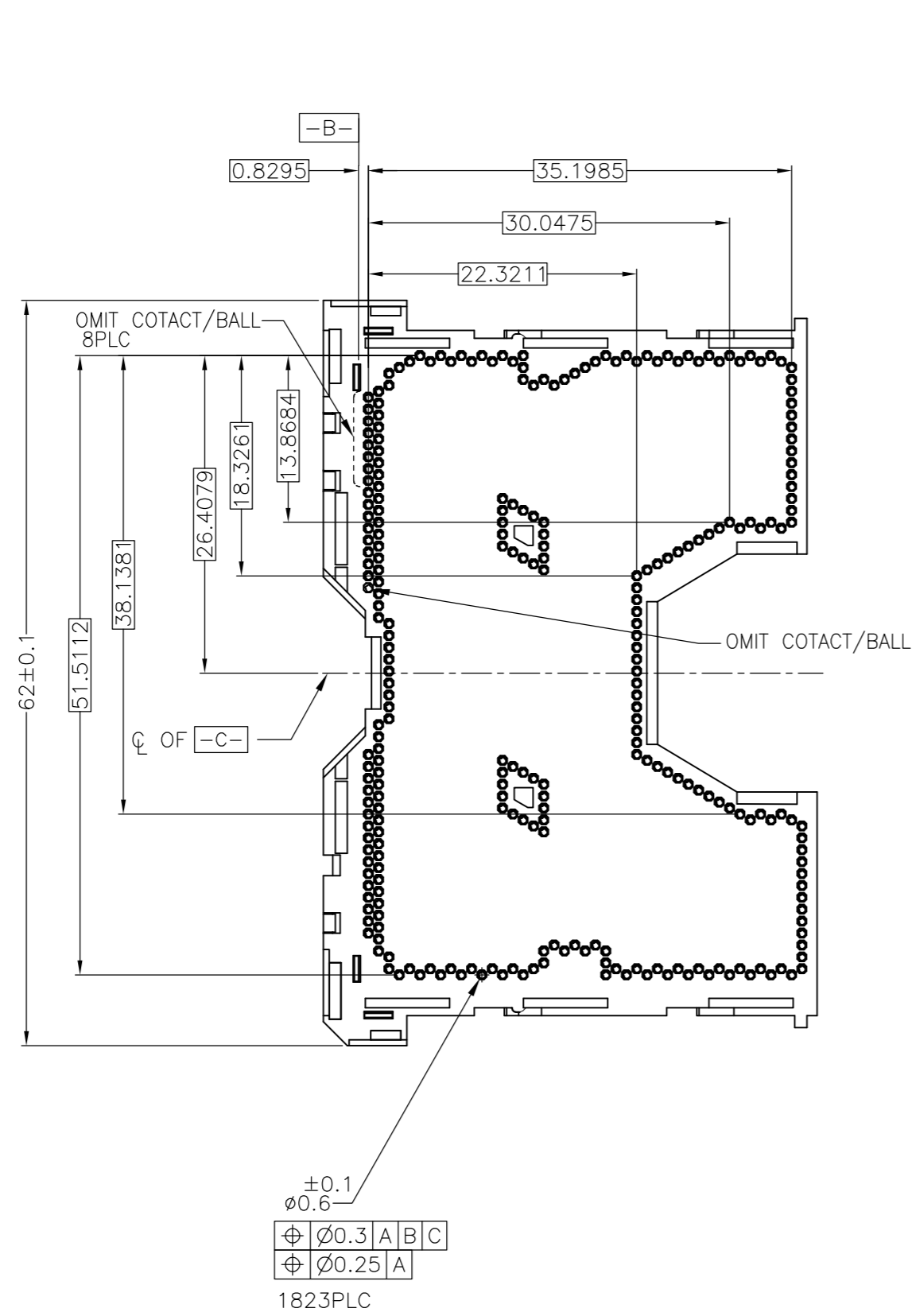


THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION  
 LGA3647-1 LEFT SIDE ASSY  
 1-2822980-\* AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN -	TE Connectivity	
DIMENSIONS: mm		CHK -		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD -	NAME	
0-PLC ± 1-PLC ± ±0.3 2-PLC ± ±3 3-PLC ± ±3 4-PLC ± ± ANGLES ± - FINISH -		PRODUCT SPEC -	SOCKET ASSY LGA3647-X	
MATERIAL -		APPLICATION SPEC -	SIZE A2	CAGE CODE 00779
		WEIGHT -	DRAWING NO C=2129710	RESTRICTED TO -
		CUSTOMER DRAWING	SCALE NTS	SHEET 2 OF 7
			REV B	

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

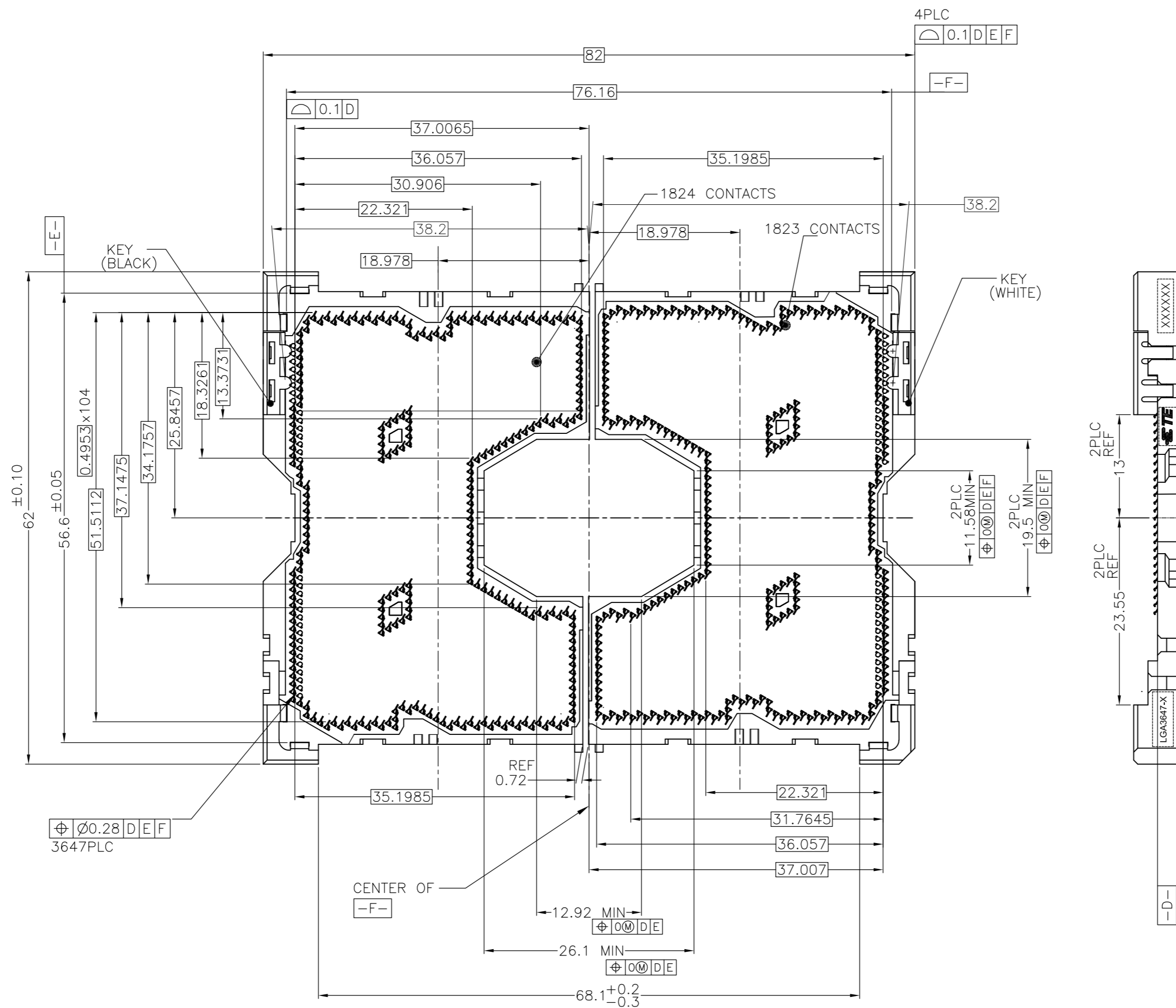


THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION LGA3647-1 RIGHT SIDE ASSY 2822980-\* AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: mm		CHK	NAME	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SOCKET ASSY LGA3647-X	
0-PLC ±		PRODUCT SPEC	SIZE	CAGE CODE
1-PLC ± ±0.3		APPLICATION SPEC	A2	00779
2-PLC ± ±3		WEIGHT	DRAWING NO	RESTRICTED TO
3-PLC ± ±3		CUSTOMER DRAWING	C=2129710	-
4-PLC ± ±		SCALE	NTS	SHEET 3 OF 7
ANGLES ±		REV	B	
FINISH				

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



AFTER SMT CONDITION

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-	 TE Connectivity	NAME SOCKET ASSY LGA3647-X
DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:	CHK	-		
mm	0-PLC ± 1-PLC ± 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ±	APVD	-		
		PRODUCT SPEC	-		
MATERIAL	FINISH	APPLICATION SPEC	-	SIZE	A2
-	-	WEIGHT	-	CAGE CODE	00779
CUSTOMER DRAWING			SCALE	DRAWING NO	C=2129710
			NTS	RESTRICTED TO	-
			SHEET	4	OF 7
			REV	B	

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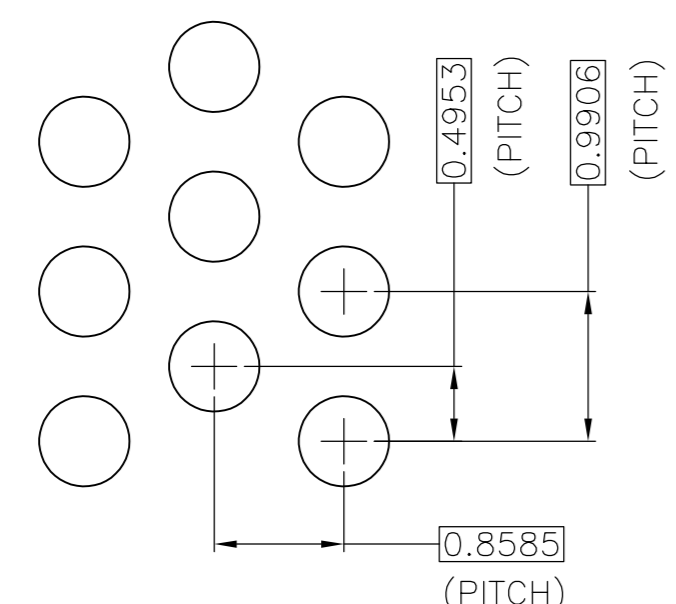
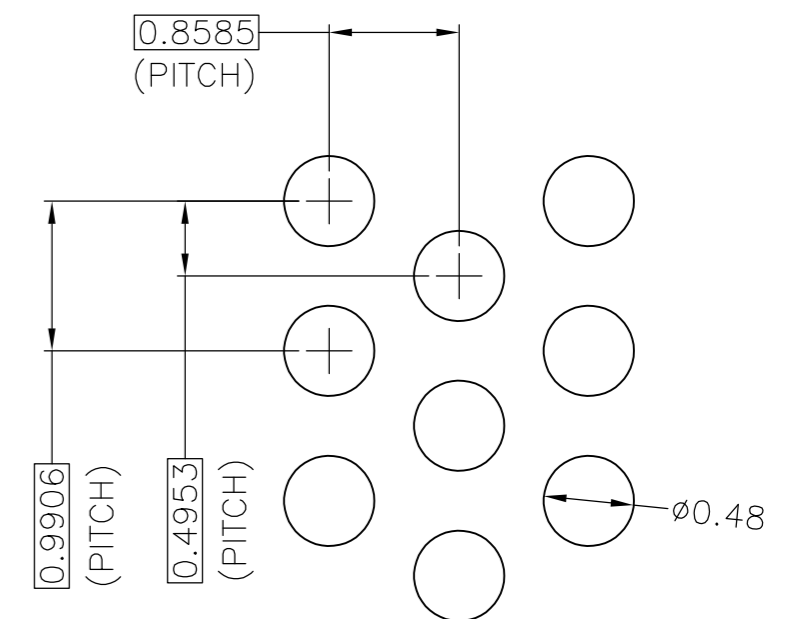
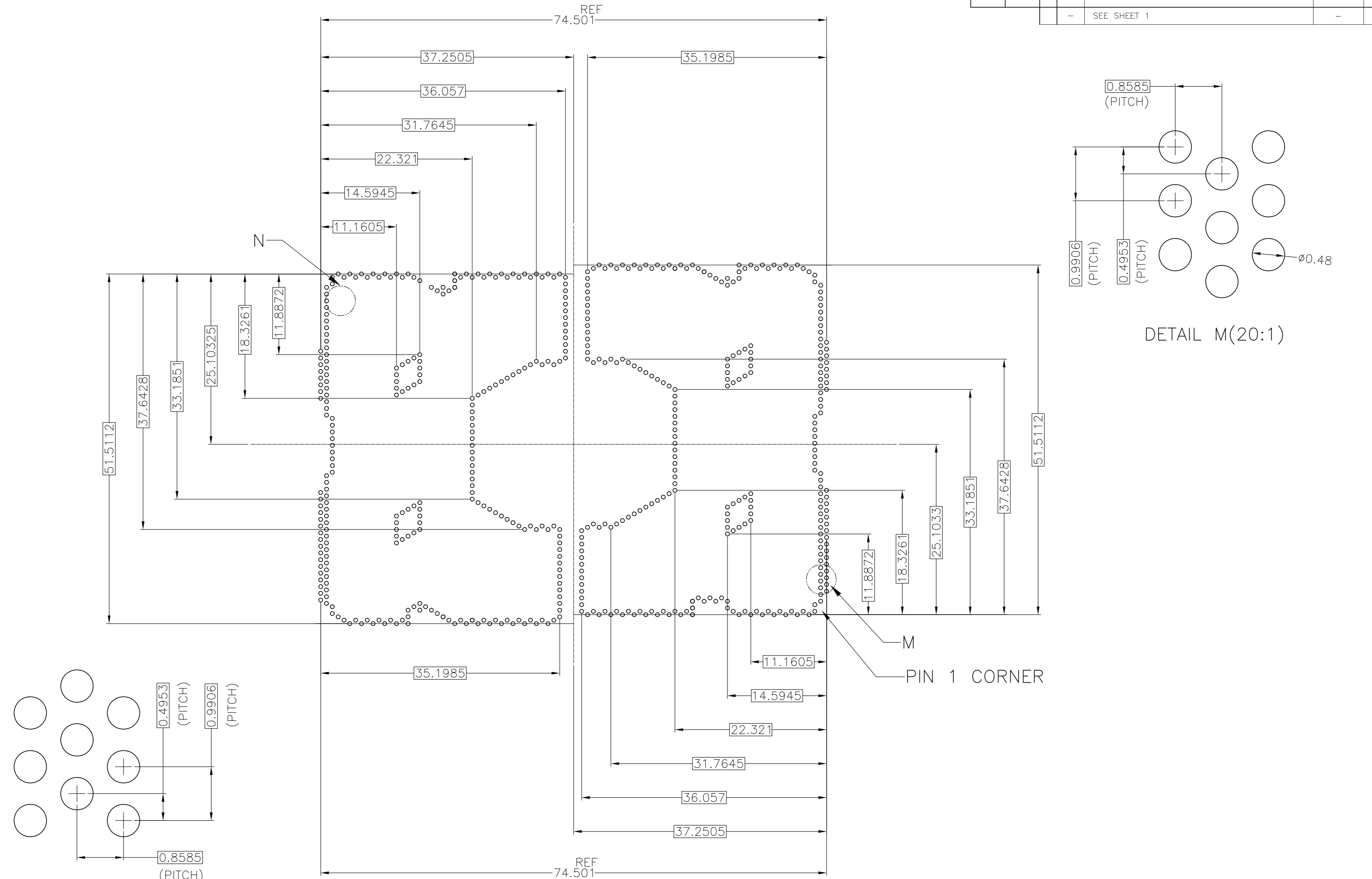
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-	-	-

D

C

B

A

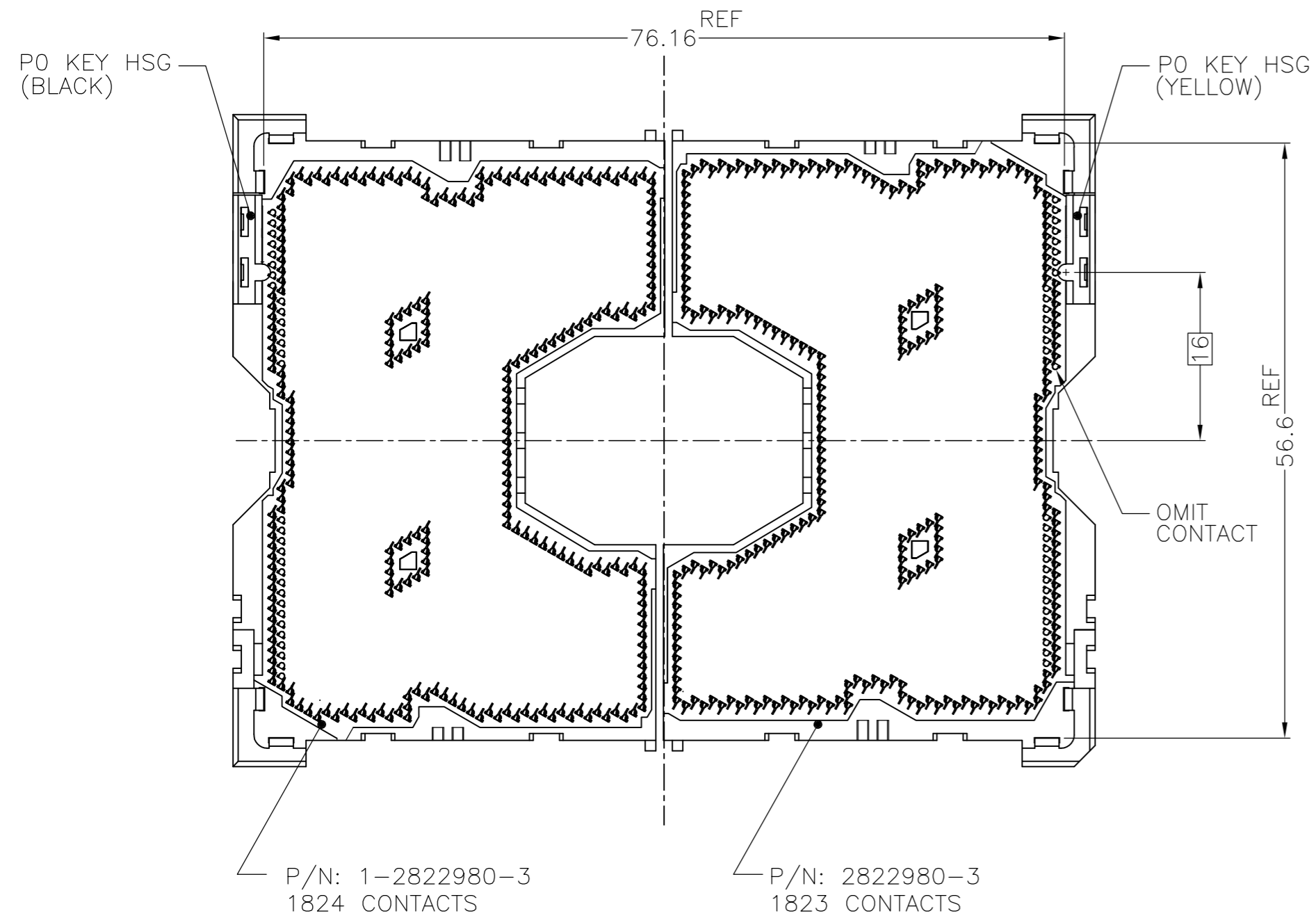


2129710

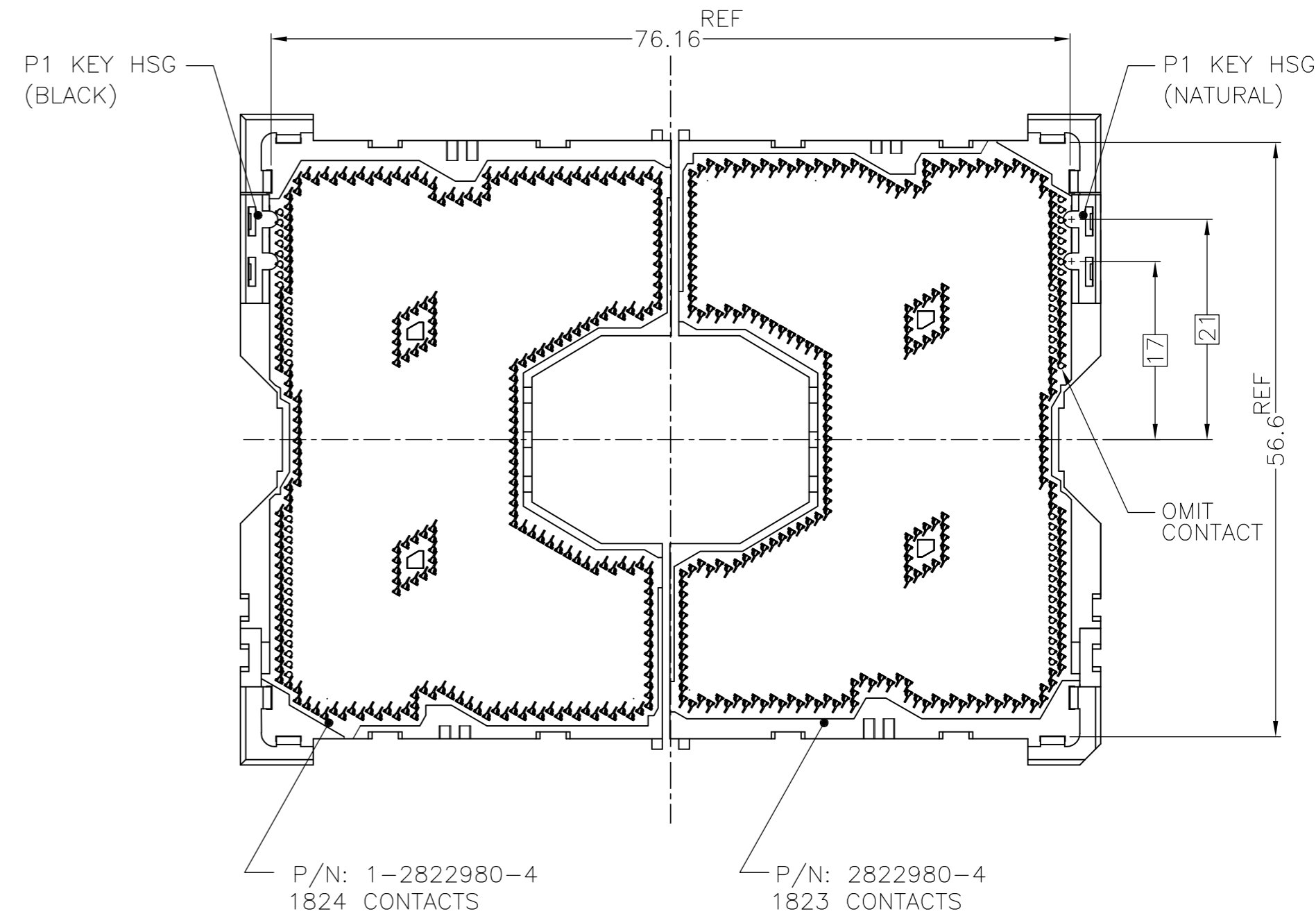
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-		 TE Connectivity	NAME		SOCKET ASSY	
DIMENSIONS: mm		CHK	-			DRAWING NO		RESTRICTED TO	
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-			CAGE CODE		-	
0-PLC ± 1-PLC ± ±0.3 2-PLC ± ±3 3-PLC ± ± 4-PLC ± ± ANGLES ± -		PRODUCT SPEC	-			DRAWING NO		-	
MATERIAL		APPLICATION SPEC	-		CAGE CODE		-		
FINISH		WEIGHT	-		DRAWING NO		-		
		CUSTOMER DRAWING	-		SCALE		SHEET		
			-		NTS		5 of 7		
			-		REV		B		

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



LGA3647-0 AS SHOWN  
 (KIT P/N: 2-2822979-3)



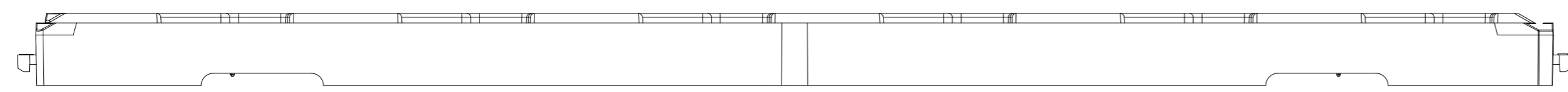
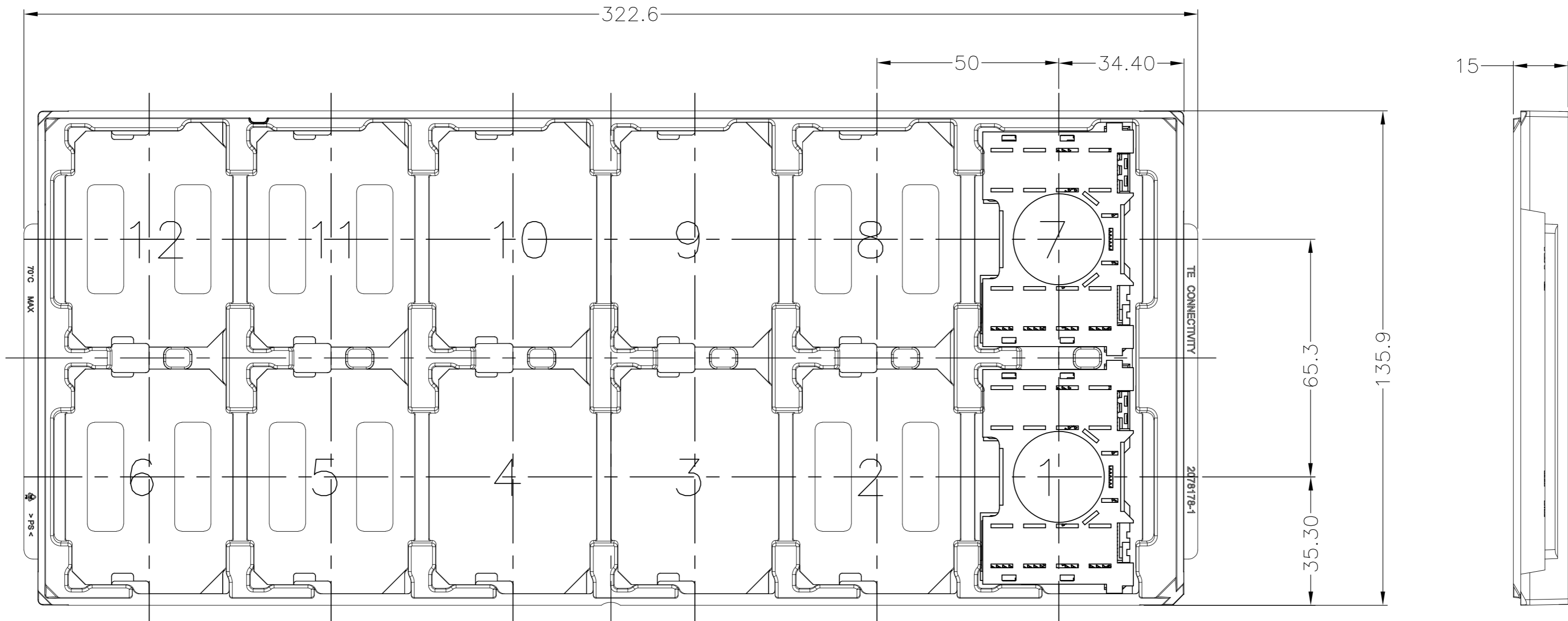
LGA3647-1 AS SHOWN  
 (KIT P/N: 2-2822979-4)

LGA3647-X POST SMT CONDITION  
 (PCB IS NOT SHOWN)

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DIMENSIONS: mm		CHK	NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SOCKET ASSY LGA3647-X		
0-PLC ±		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
1-PLC ± ±0.3		APPLICATION SPEC	A2	00779	C=2129710
2-PLC ± ±3		WEIGHT	RESTRICTED TO		
3-PLC ± ±		CUSTOMER DRAWING	SCALE NTS SHEET 6 OF 7 REV B		
4-PLC ± ±					
ANGLES ± ±					
FINISH					

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



FOR LEFT SEGMENT, USE BLACK TRAY TO PACKAGE.  
 FOR RIGHT SEGMENT, USE BLUE TRAY TO PACKAGE.

168	84	12	2822980-4	2-2129710-8	LGA3647-1 RIGHT SEGMENT	LGA3647-1 LGA3647-0 SOCKET P1 SOCKET P0
168	84	12	1-2822980-4	2-2129710-7	LGA3647-1 LFFT SEGMENT	
168	84	12	2822980-3	2-2129710-6	LGA3647-0 RIGHT SEGMENT	
168	84	12	1-2822980-3	2-2129710-5	LGA3647-0 LFFT SEGMENT	
SOCKET QTY PER OUTER BOX	SOCKET QTY PER INNER BOX	SOCKET QTY PER TRAY	ASSY PART NUMBER	ORDER PART NUMBER	PRODUCT NAME	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	-	 TE Connectivity SOCKET ASSY LGA3647-X
CHK	-	
APVD	-	
NAME	-	
DIMENSIONS: mm		PRODUCT SPEC
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APPLICATION SPEC
0-PLC ±		WEIGHT
1-PLC ± ±0.5		SIZE
2-PLC ± ±3.0		CAGE CODE
3-PLC ±		DRAWING NO
4-PLC ±		RESTRICTED TO
ANGLES ±		SCALE
FINISH		SHEET
MATERIAL		REV

Customer Drawing: A2 00779 C=2129710  
 Scale: NTS, Sheet 7 of 7, Rev B