



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

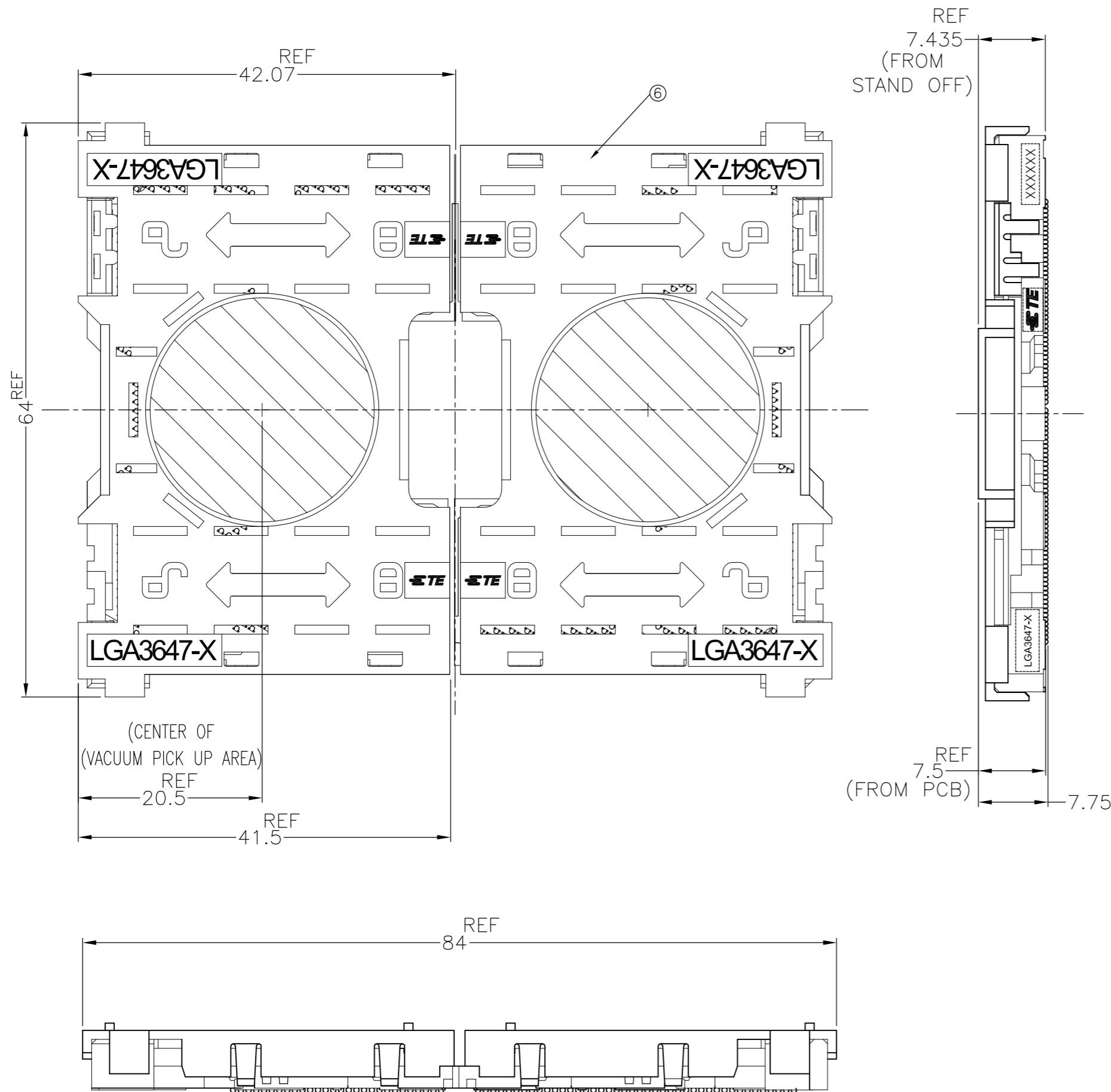
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



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



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

AFTER SMT CONDITION (WITH CAP)

30u" MIN AU		LGA3647-1 LGA3647-0		PRODUCT NAME	PLATING SPEC.
LGA3647-1 LGA3647-0		SOCKET P1 SOCKET P0			
LGA3647-1 RIGHT SEGMENT	LGA3647-1 LEFT SEGMENT	LGA3647-0 RIGHT SEGMENT	LGA3647-0 LEFT SEGMENT	ASSY PART NUMBER	PRODUCT NAME
2822980-4	1-2822980-4	2822980-3	1-2822980-3	2-2822979-4	
				2-2822979-3	

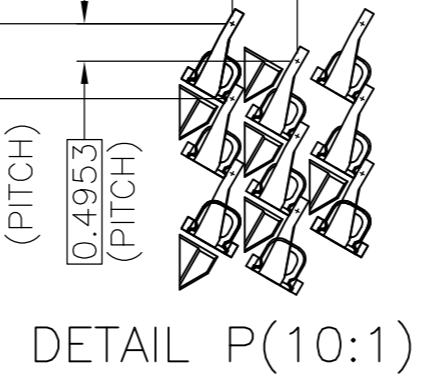
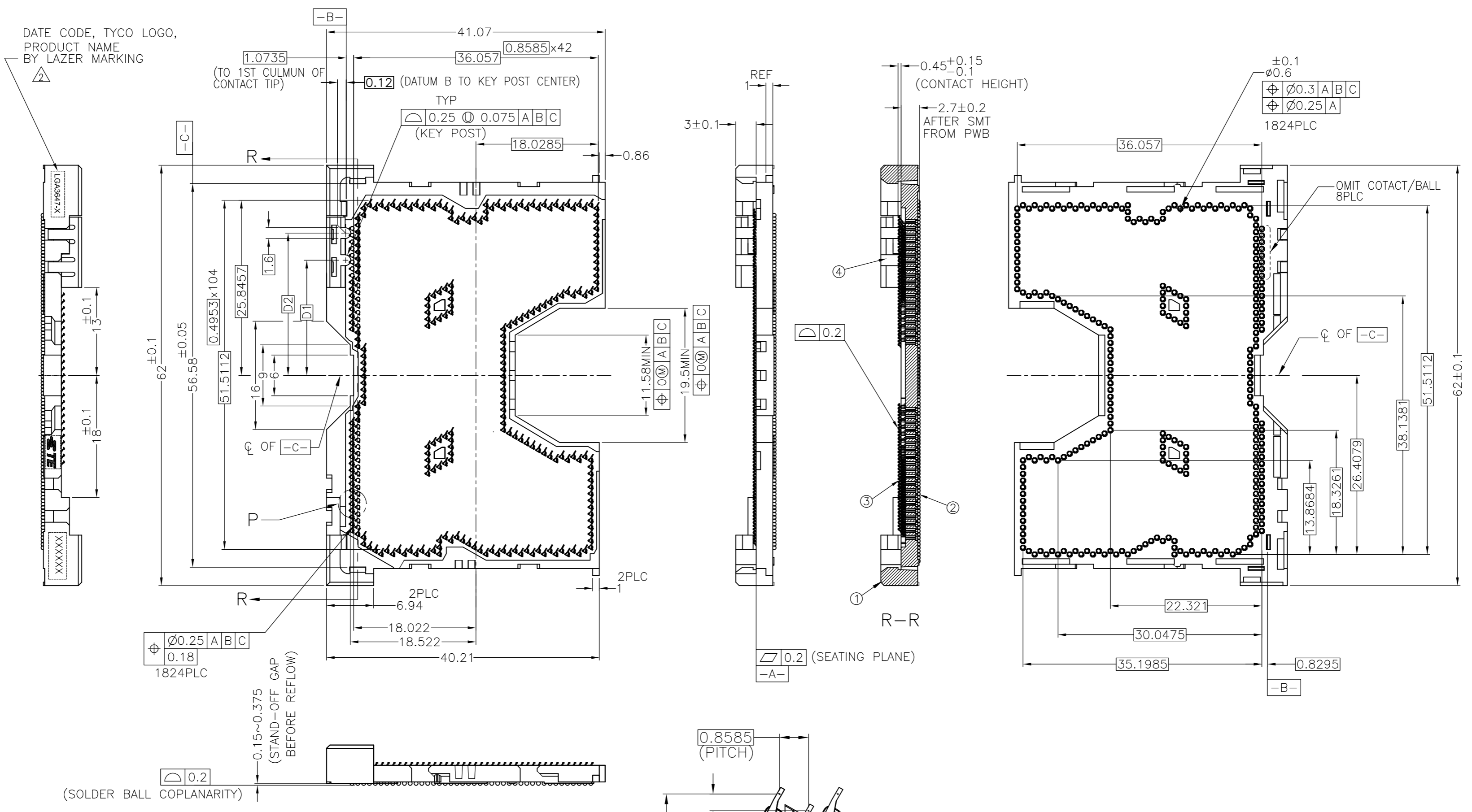
14.5	21	17	1	1	1	1	2-2822979-4
		16				1	2-2822979-3
PRODUCT WEIGHT (g/SOCKET)	DIMENSION D2	DIMENSION D1	QTY.			ORDER PART NO.	

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN T.KUO 04MAR2015		NAME		
CHK M.CHAO 04MAR2015		SOCKET ASSY LGA3647-X		
APVD M.CHAO 04MAR2015		SIZE	CAGE CODE	DRAWING NO
PRODUCT SPEC 108-115115		A2	00779	C=2822979
APPLICATION SPEC 114-115011	WEIGHT			
MATERIAL -	FINISH -	CUSTOMER DRAWING	SCALE NTS SHEET 1 OF 7 REV B	

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

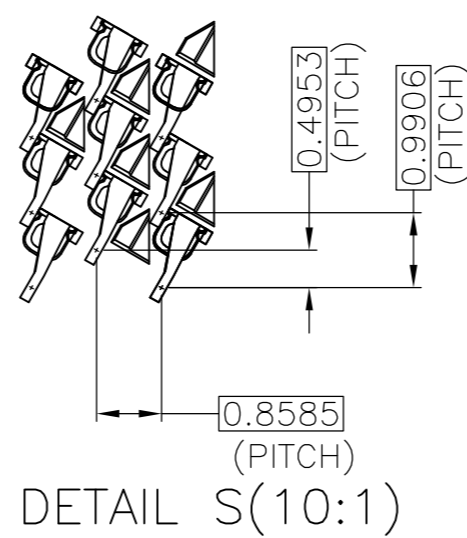
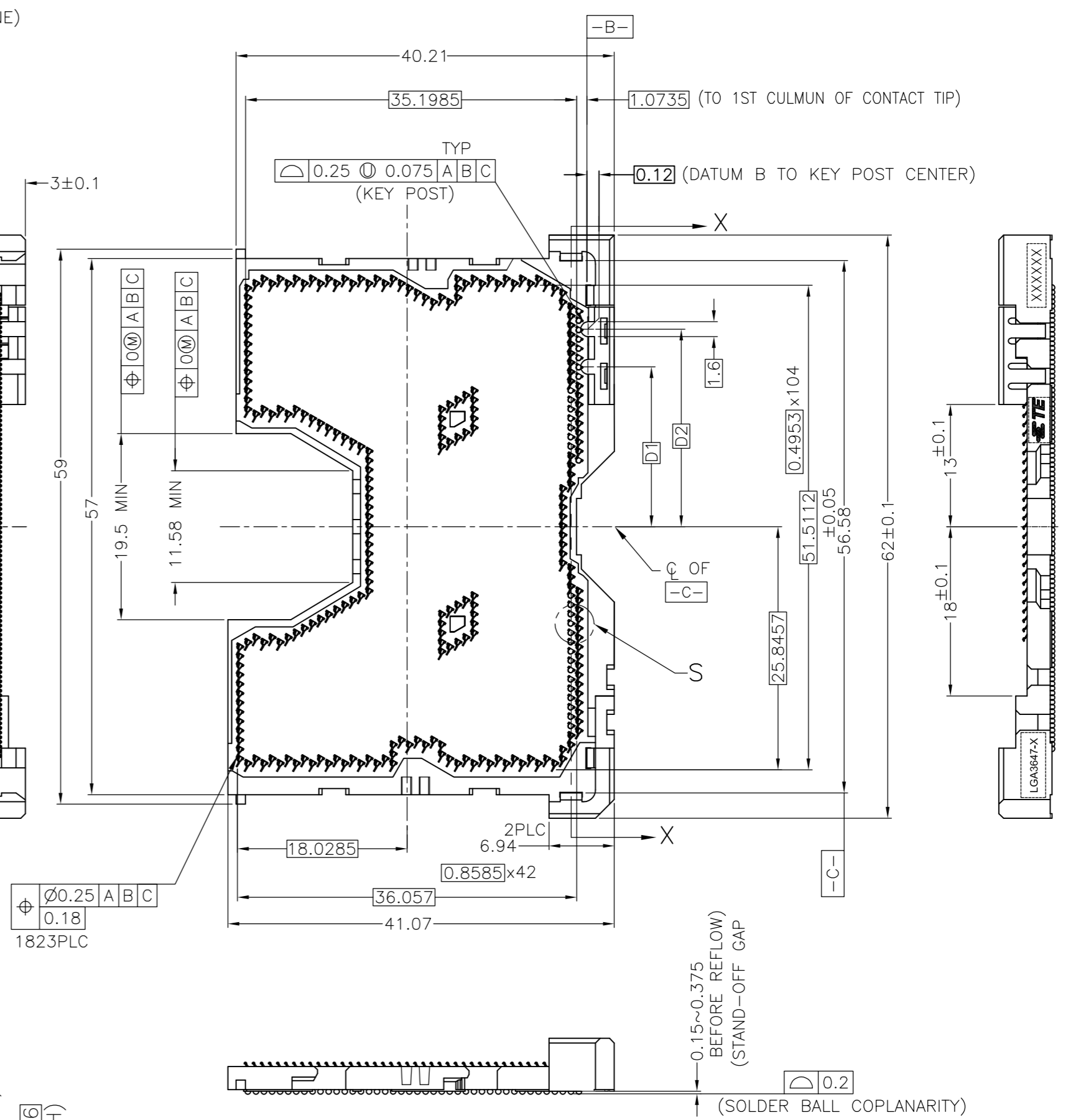
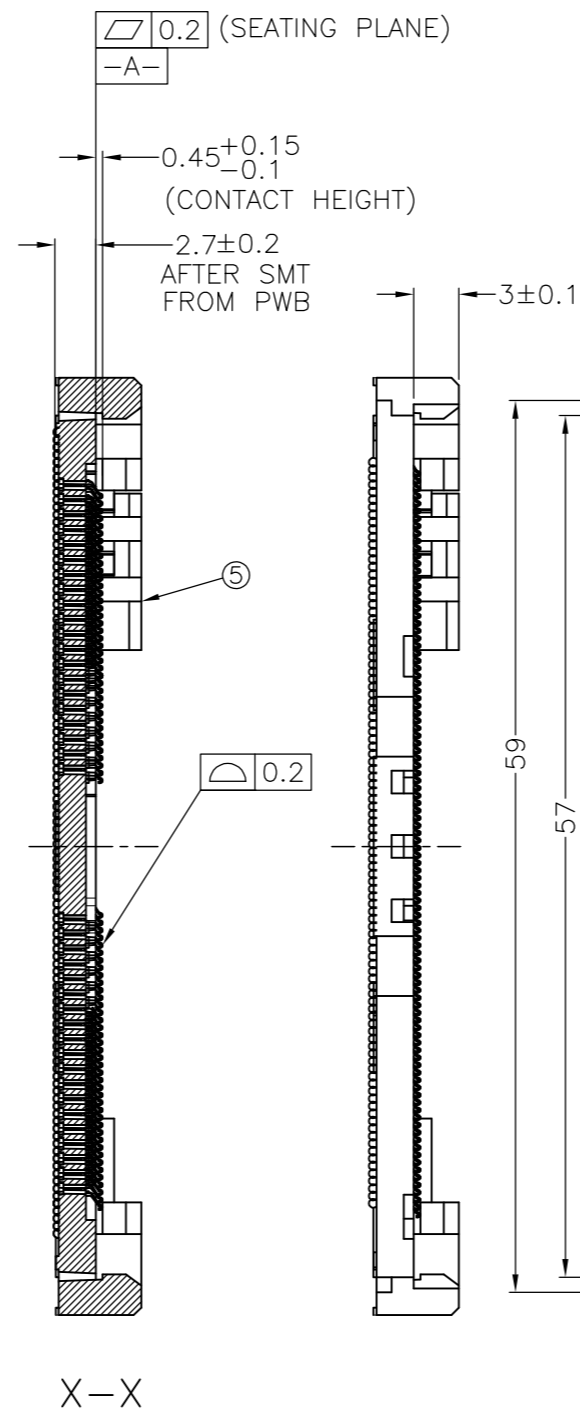
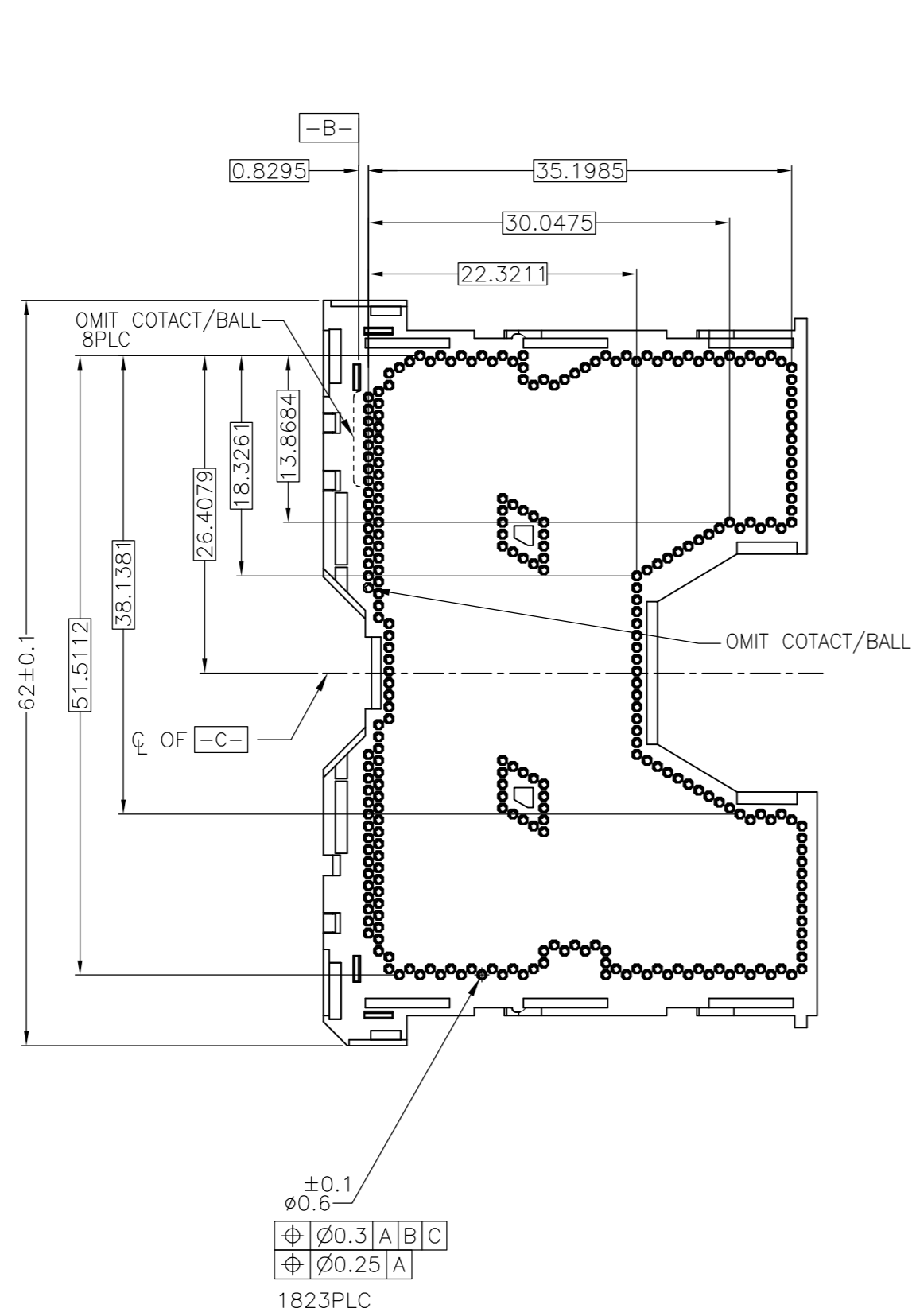


THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION  
 LGA3647-1 LEFT SIDE ASSY  
 1-2822980-\* AS SHOWN

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=2822979	-
4-PLC ±		SCALE	NTS	SHEET 2 OF 7
MATERIAL FINISH		REV	B	



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

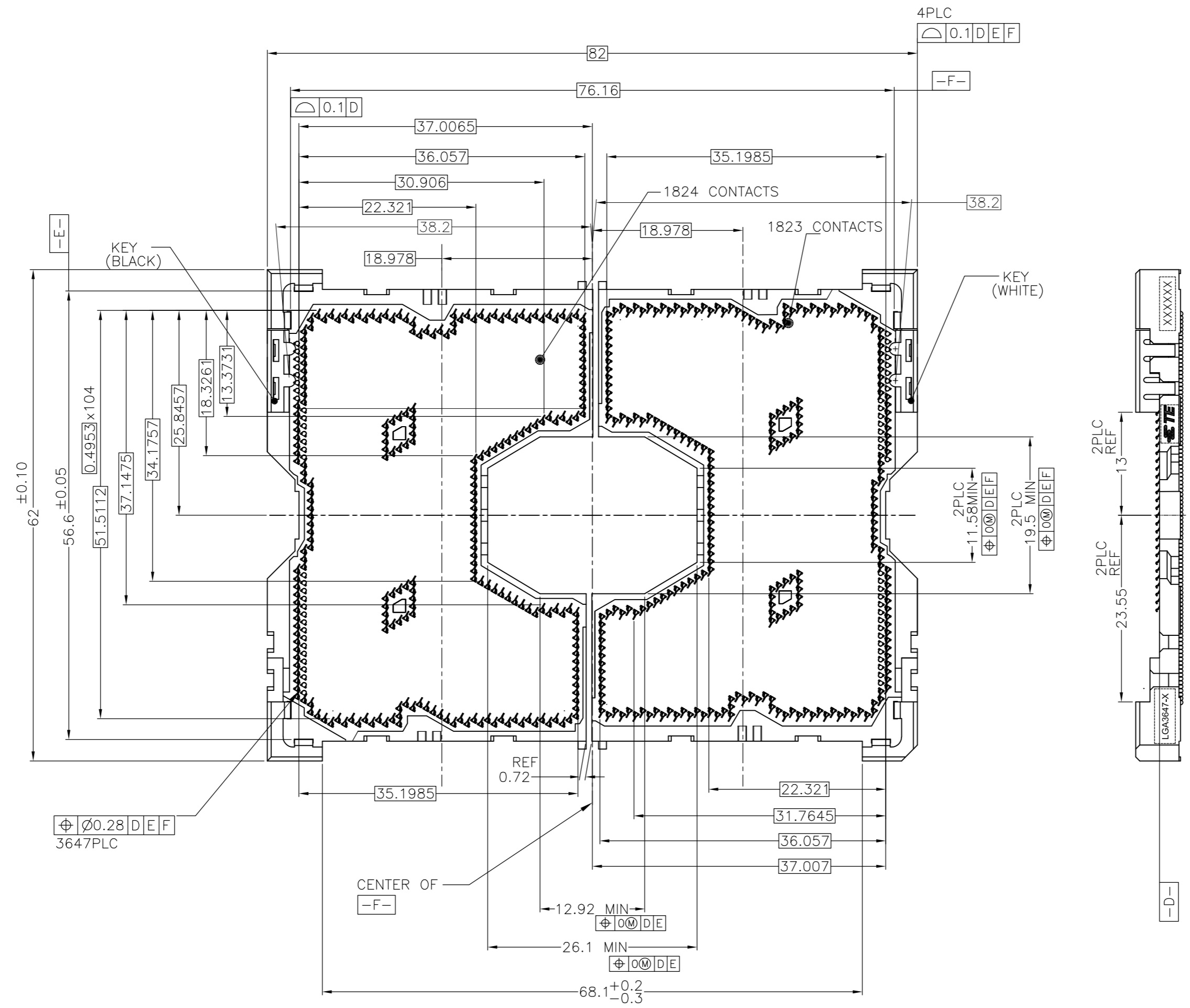


THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION LGA3647-1 RIGHT SIDE ASSY 2822980-\* AS SHOWN

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 ± ±		CUSTOMER DRAWING	C=2822979	-
4-PLC ± ±		SCALE	NTS	SHEET
ANGLES ±		SCALE	NTS	3 OF 7
FINISH		REV	B	

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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	
DIMENSIONS: mm		CHK	-		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-	NAME	
$\phi$ - PLC $\pm$ - 1 - PLC $\pm$ - 2 - PLC $\pm$ - 3 - PLC $\pm$ - 4 - PLC $\pm$ - ANGLES $\pm$ -		PRODUCT SPEC	-	SOCKET ASSY LGA3647-X	
MATERIAL		APPLICATION SPEC	-	SIZE	A2
FINISH		WEIGHT	-	CAGE CODE	00779
		CUSTOMER DRAWING	-	DRAWING NO	C=2822979
		SCALE	NTS	SHEET	4 OF 7
		REV	B	RESTRICTED TO	-

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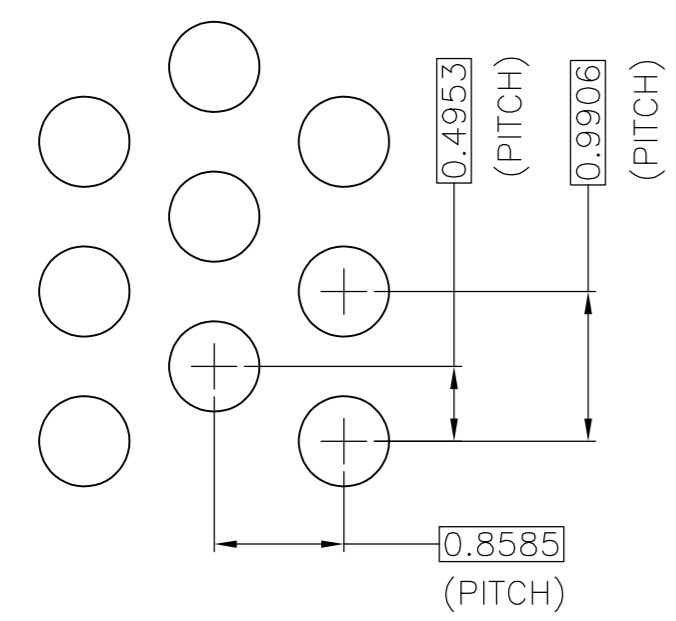
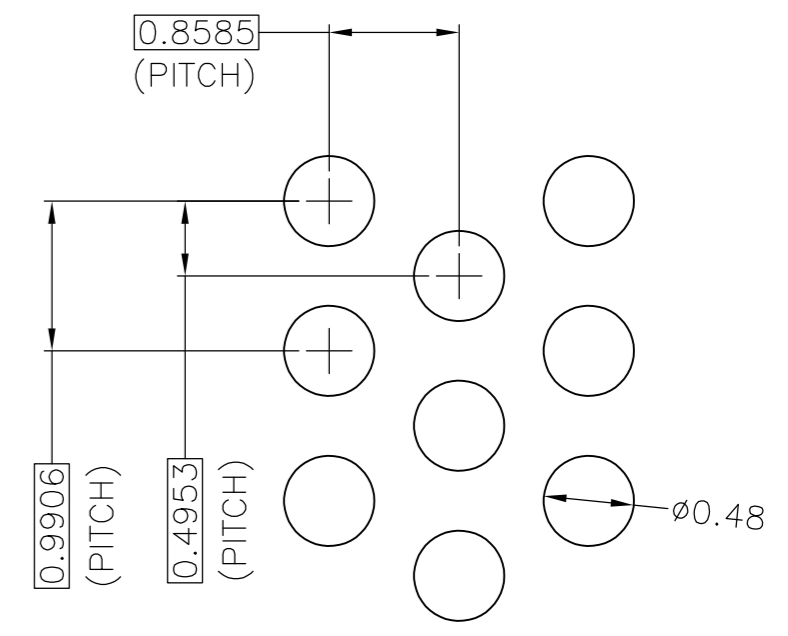
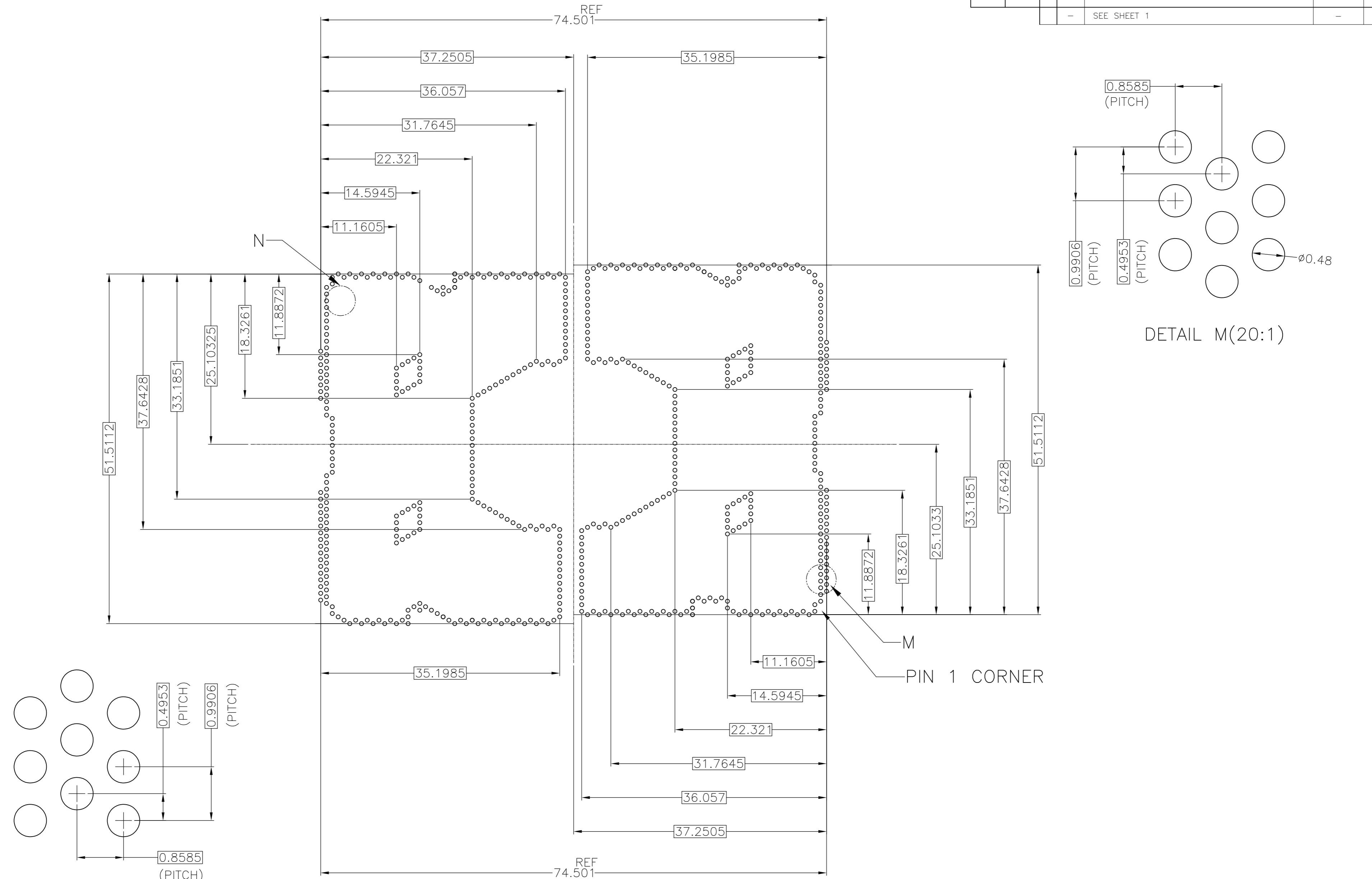
LOC		DIST		REVISIONS			
P	LTR	DESCRIPTION	DATE	DWN	APVD		
-	-	SEE SHEET 1	-	-	-		

D

C

B

A



2822979

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-		 TE Connectivity	NAME		SOCKET ASSY		
DIMENSIONS: mm		CHK	-			PRODUCT SPEC		LGA3647-X		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	-			APPLICATION SPEC		SIZE	CAGE CODE	DRAWING NO
0-PLC ± 1-PLC ± ±0.3 2-PLC ± ±3 3-PLC ± ± 4-PLC ± ± ANGLES ± -		MATERIAL		WEIGHT		A2 00779		RESTRICTED TO		
FINISH		CUSTOMER DRAWING		SCALE		SHEET		REV		
				NTS		5 of 7		B		

4

3

2

1

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

Technical drawing of LGA3647-0 AS SHOWN (KIT P/N: 2-2822979-3). The drawing shows a rectangular socket assembly with a central octagonal cutout. Dimensions include a width of 76.16 REF and a height of 56.6 REF. Key features include PO KEY HSG (BLACK) on the left and PO KEY HSG (YELLOW) on the right. A vertical dimension of 16 is shown on the right side. Labels indicate 'OMIT CONTACT' and part numbers: P/N: 1-2822980-3 (1824 CONTACTS) and P/N: 2822980-3 (1823 CONTACTS).

Technical drawing of LGA3647-1 AS SHOWN (KIT P/N: 2-2822979-4). The drawing shows a rectangular socket assembly with a central octagonal cutout. Dimensions include a width of 76.16 REF and a height of 56.6 REF. Key features include P1 KEY HSG (BLACK) on the left and P1 KEY HSG (NATURAL) on the right. A vertical dimension of 17 is shown on the right side, with a sub-dimension of 2. Labels indicate 'OMIT CONTACT' and part numbers: P/N: 1-2822980-4 (1824 CONTACTS) and P/N: 2822980-4 (1823 CONTACTS).

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)

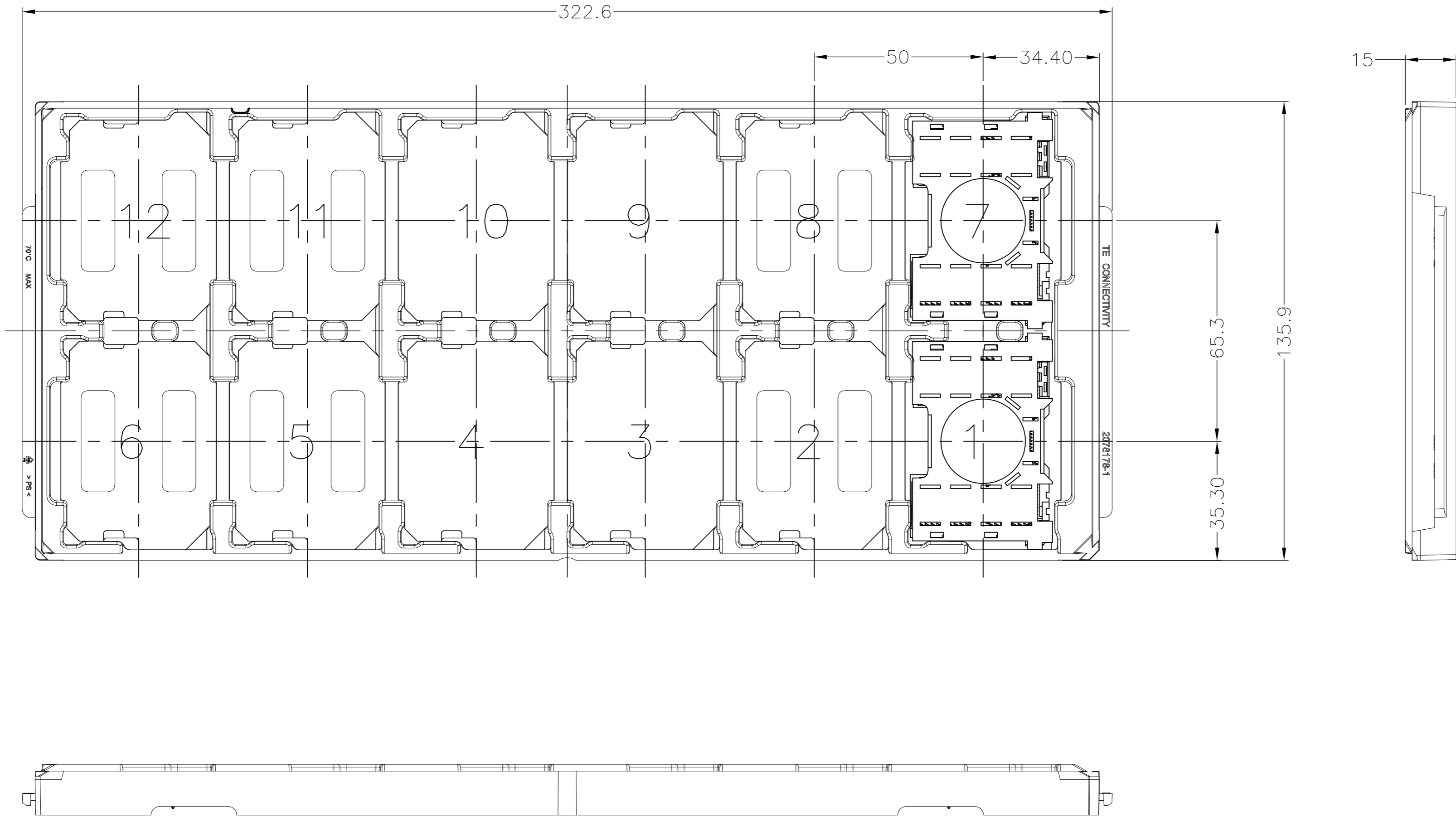
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity		
DIMENSIONS: mm		CHK	NAME		
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	SOCKET ASSY LGA3647-X		
0-PLC ±		PRODUCT SPEC	SIZE	CAGE CODE	DRAWING NO
1-PLC ± ±0.3		APPLICATION SPEC	A2	00779	C=2822979
2-PLC ± ±3		WEIGHT	RESTRICTED TO		
3-PLC ± ±		CUSTOMER DRAWING	SCALE	SHEET	REV
4-PLC ± ±			NTS	6 of 7	B
FINISH					

1471-9 (3/11)

2822979

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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.

SOCKET QTY(KIT) PER OUTER BOX	SOCKET QTY PER INNER BOX	SOCKET QTY PER TRAY	ASSY PART NUMBER	ORDER PART NUMBER	PRODUCT NAME
84	84	12	2822980-4	2-2822979-4	LGA3647-1 RIGHT SEGMENT
	84	12	1-2822980-4		LGA3647-1 LFFT SEGMENT
84	84	12	2822980-3	2-2822979-3	LGA3647-0 RIGHT SEGMENT
	84	12	1-2822980-3		LGA3647-0 LFFT SEGMENT

THIS DRAWING IS A CONTROLLED DOCUMENT.

DWN	-		TE Connectivity			
CHK	-		NAME			
APVD	-		SOCKET ASSY LGA3647-X			
PRODUCT SPEC	-		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
APPLICATION SPEC	-	A2	00779	C=2822979	-	
WEIGHT	-	CUSTOMER DRAWING		SCALE	SHEET	REV
				NTS	7 of 7	B