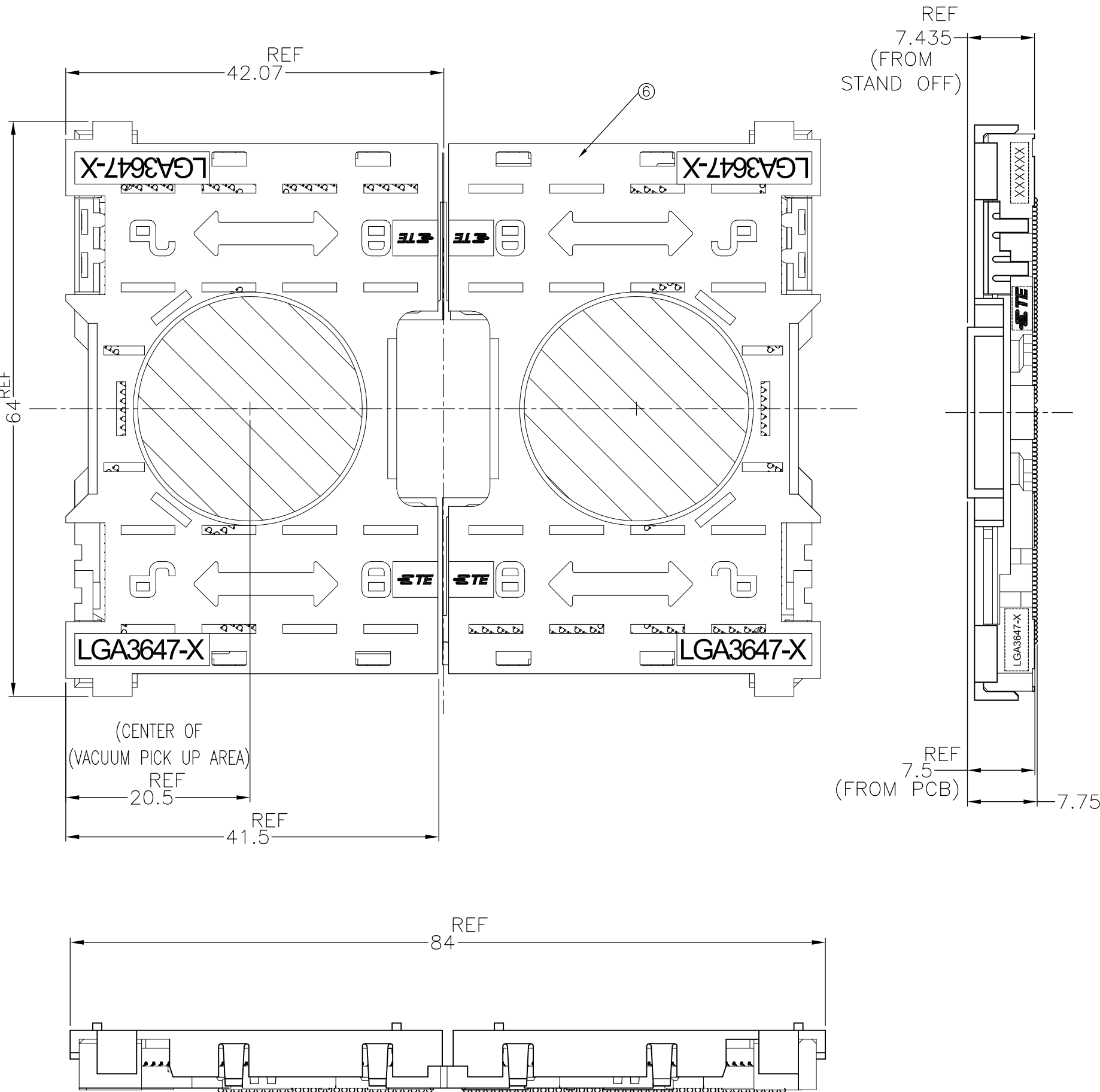


LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION		DATE	APVD
ES	-		C	ECR-17-006884		12MAY2017	B.L C.W



AFTER SMT CONDITION (WITH CAP)
DEMONSTRATION BY SOCKET P1,LGA3647-1

1. MATERIAL
- ① HOUSING : HIGH TEMP, THERMO-PLASTIC, UL94V-0, BLACK
 - ② CONTACT : COPPER ALLOY
FINISH : Au PL. SHOW AS 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
- INDICATED DATE CODE , TYCO LOGO, PRODUCT NAME ON THE HSG
 FOR NORMAL ORDER, LEFT AND RIGHT SEGMENT SHOULD ORDER AT SAME TIME

LGA3647-1 SOCKET P1				LGA3647-0 SOCKET P0				PRODUCT NAME	ASSY PART NUMBER
30u Au PLATING	15u Au PLATING	30u Au PLATING	15u Au PLATING	30u Au PLATING	15u Au PLATING	30u Au PLATING	15u Au PLATING		
LGA3647-1 RIGHT SEGMENT	LGA3647-1 LEFT SEGMENT	LGA3647-1 RIGHT SEGMENT	LGA3647-1 LEFT SEGMENT	LGA3647-0 RIGHT SEGMENT	LGA3647-0 LEFT SEGMENT	LGA3647-0 RIGHT SEGMENT	LGA3647-0 LEFT SEGMENT		
2822980-4	1-2822980-4	2822980-2	1-2822980-2	2822980-3	1-2822980-3	2822980-1	1-2822980-1		

14.5	21	17	1	1							2-2129710-8
							1				2-2129710-7
		16						1			2-2129710-6
	21	17			1						2-2129710-5
						1					2-2129710-4
										1	2-2129710-3
		16								1	2-2129710-2
											2-2129710-1
PRODUCT WEIGHT (g/SOCKET)	DIMENSION D2	DIMENSION D1						QTY.		PACKAGE PART NO.	
THIS DRAWING IS A CONTROLLED DOCUMENT.			DWN T.KUO	04MAR2015		 TE Connectivity					
			CHK M.CHAO	04MAR2015							
			APVD M.CHAO	04MAR2015		NAME SOCKET ASSY LGA3647-X					
			PRODUCT SPEC 108-115115								
			APPLICATION SPEC 114-115011			SIZE A2		CAGE CODE 00779		DRAWING NO C-2129710	
			WEIGHT -			SCALE NTS		SHEET 1 of 7		REV C	
			CUSTOMER DRAWING								

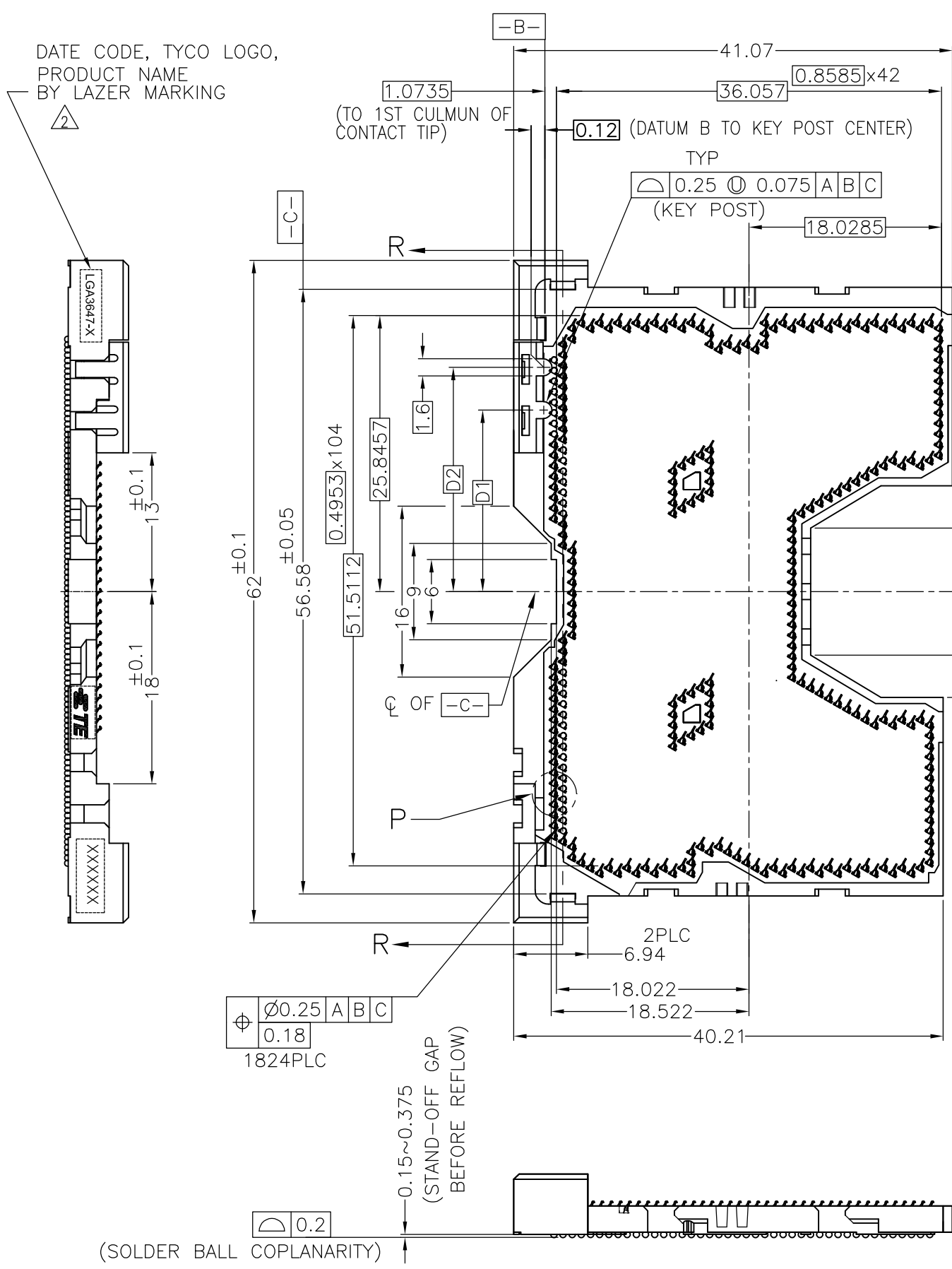
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	—						
			—	SEE SHEET 1	—	—	—

D

C

B

A



D

C

B

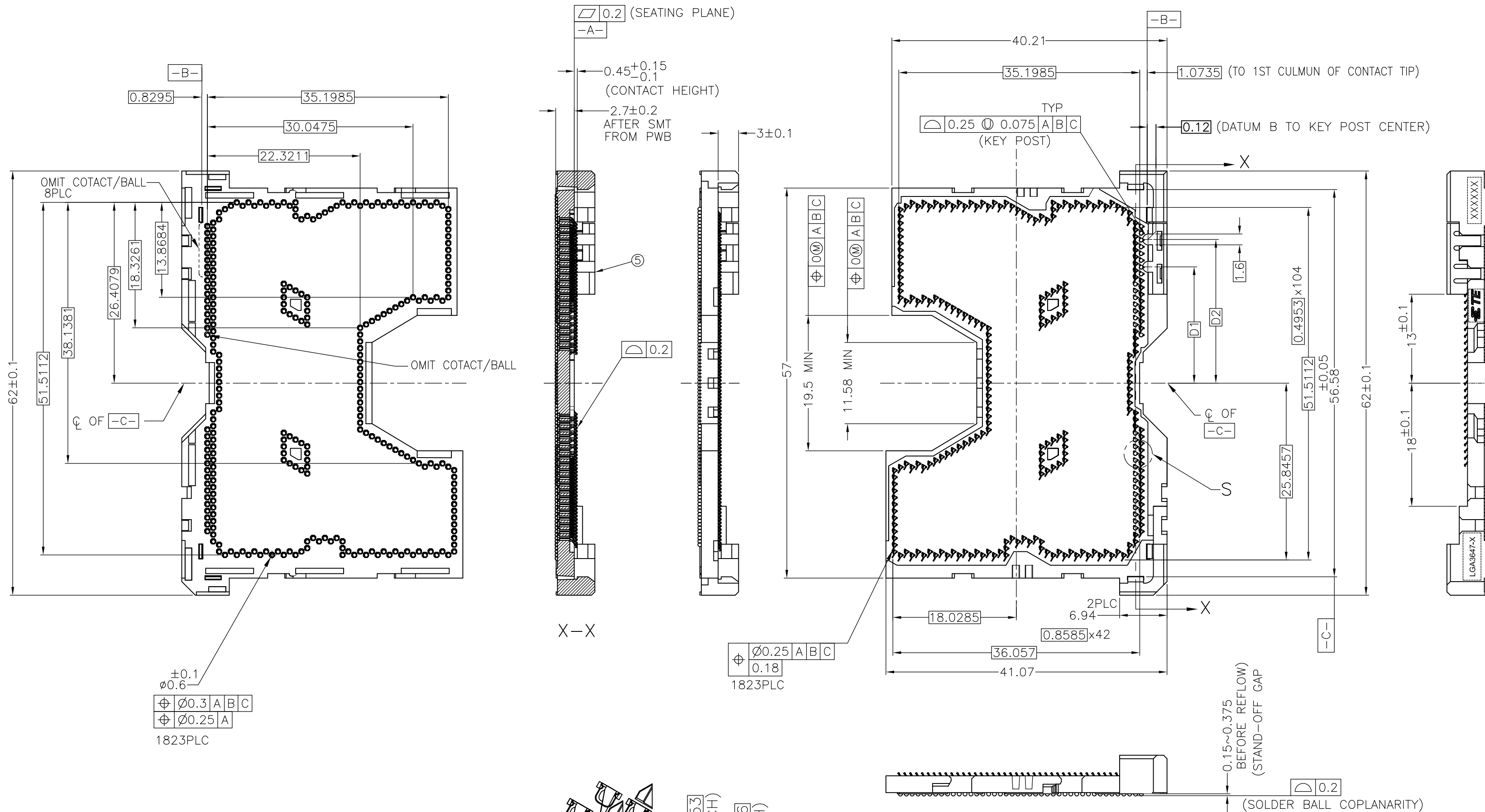
A

D

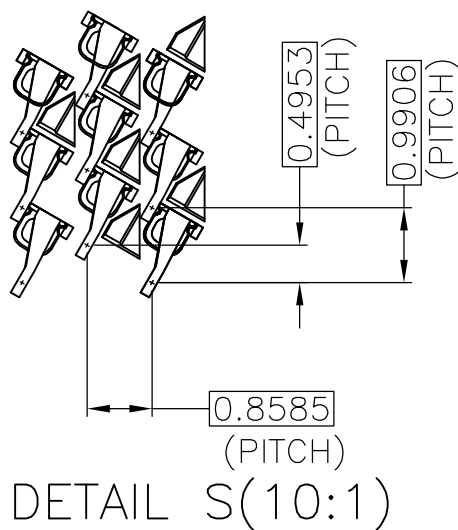
C

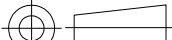
B

A



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



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

1471-9 (3/11)

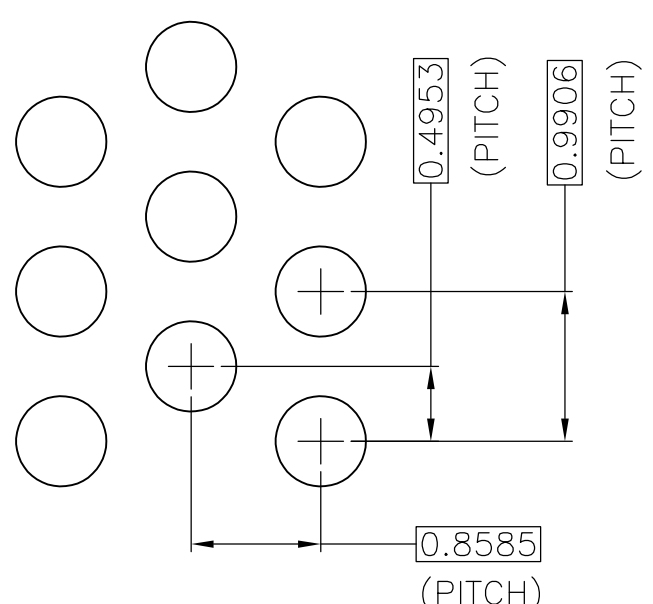
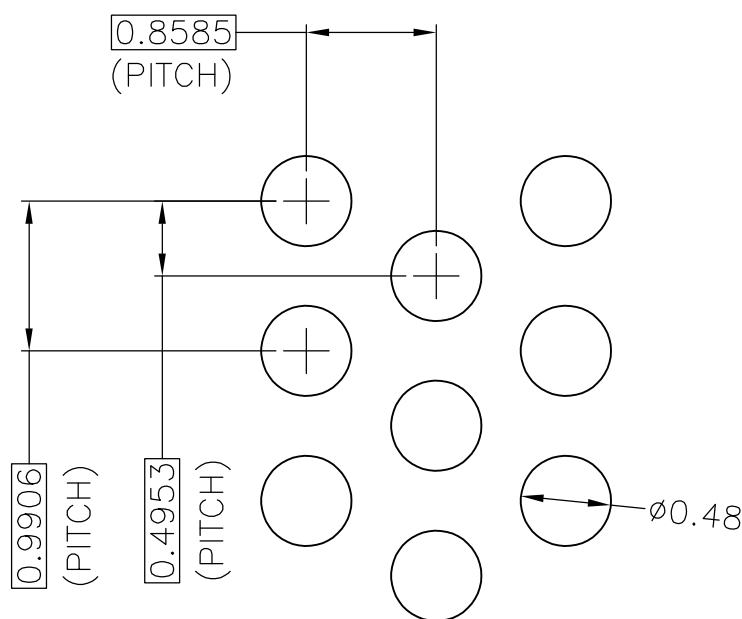
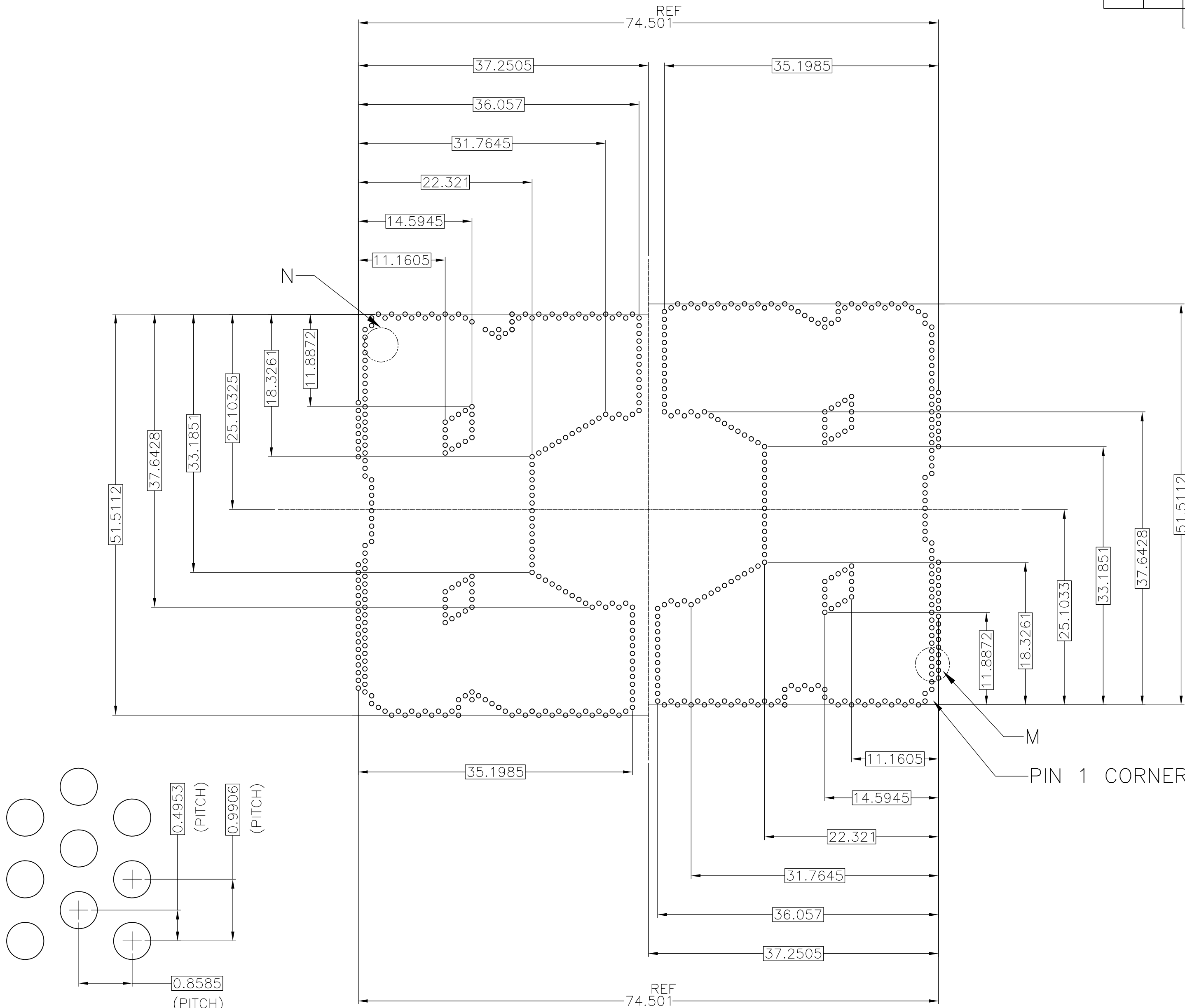
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	—						
			—	SEE SHEET 1	—	—	—

D

C

B

A



D

C

B

A

2129710

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

0-PLC	±	0.3
1-PLC	±	0.3
2-PLC	±	0.3
3-PLC	±	0.3
4-PLC	±	0.3
ANGLES	±	-
FINISH	-	-

FINISH
-

DWN
-

CHK
-

APVD
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
SOCKET ASSY
LGA3647-X

SIZE A2	CAGE CODE 00779	DRAWING NO C=2129710	RESTRICTED TO -
SCALE NTS			SHEET 5 of 7
REV C			

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

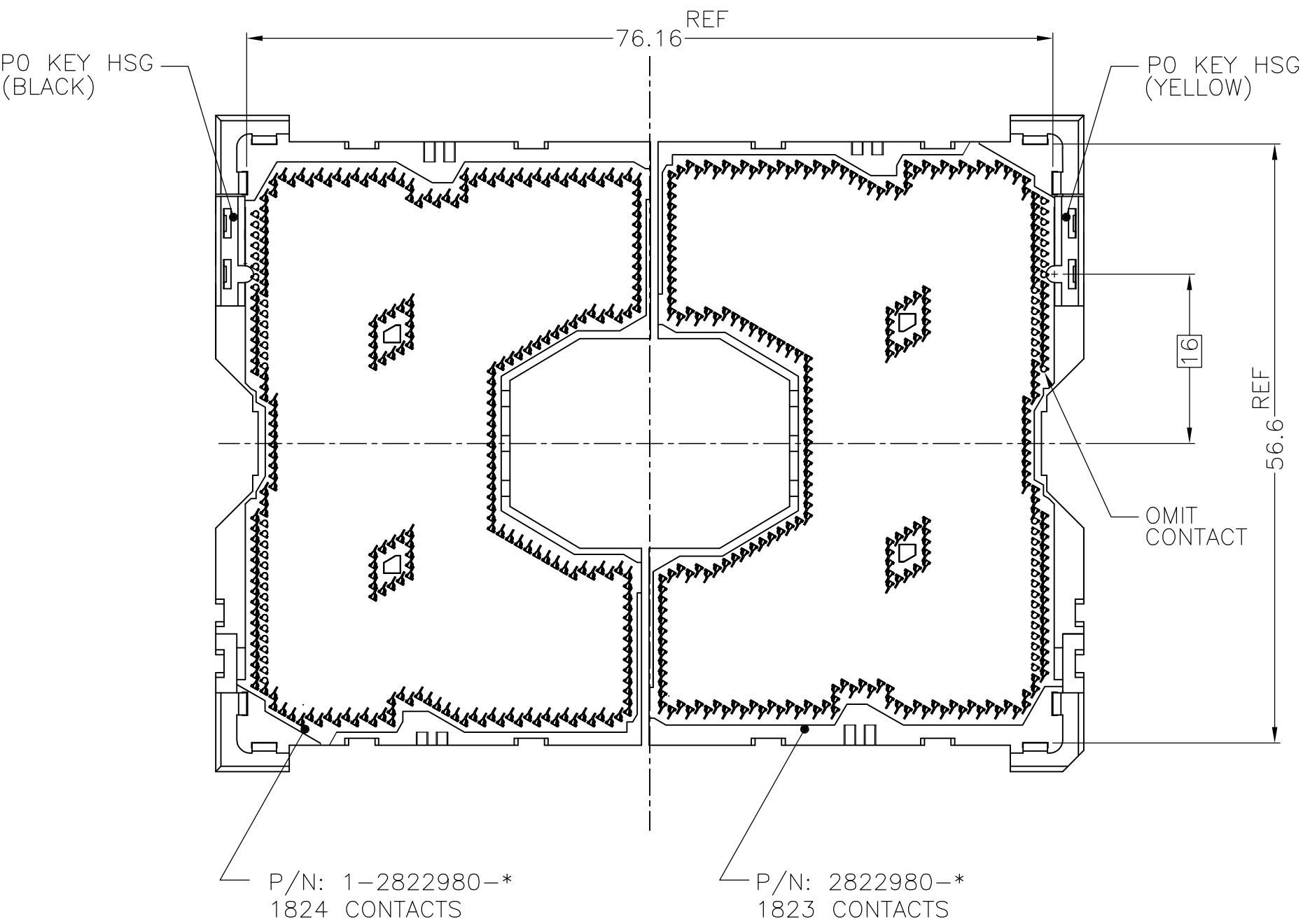
D

C

B

A

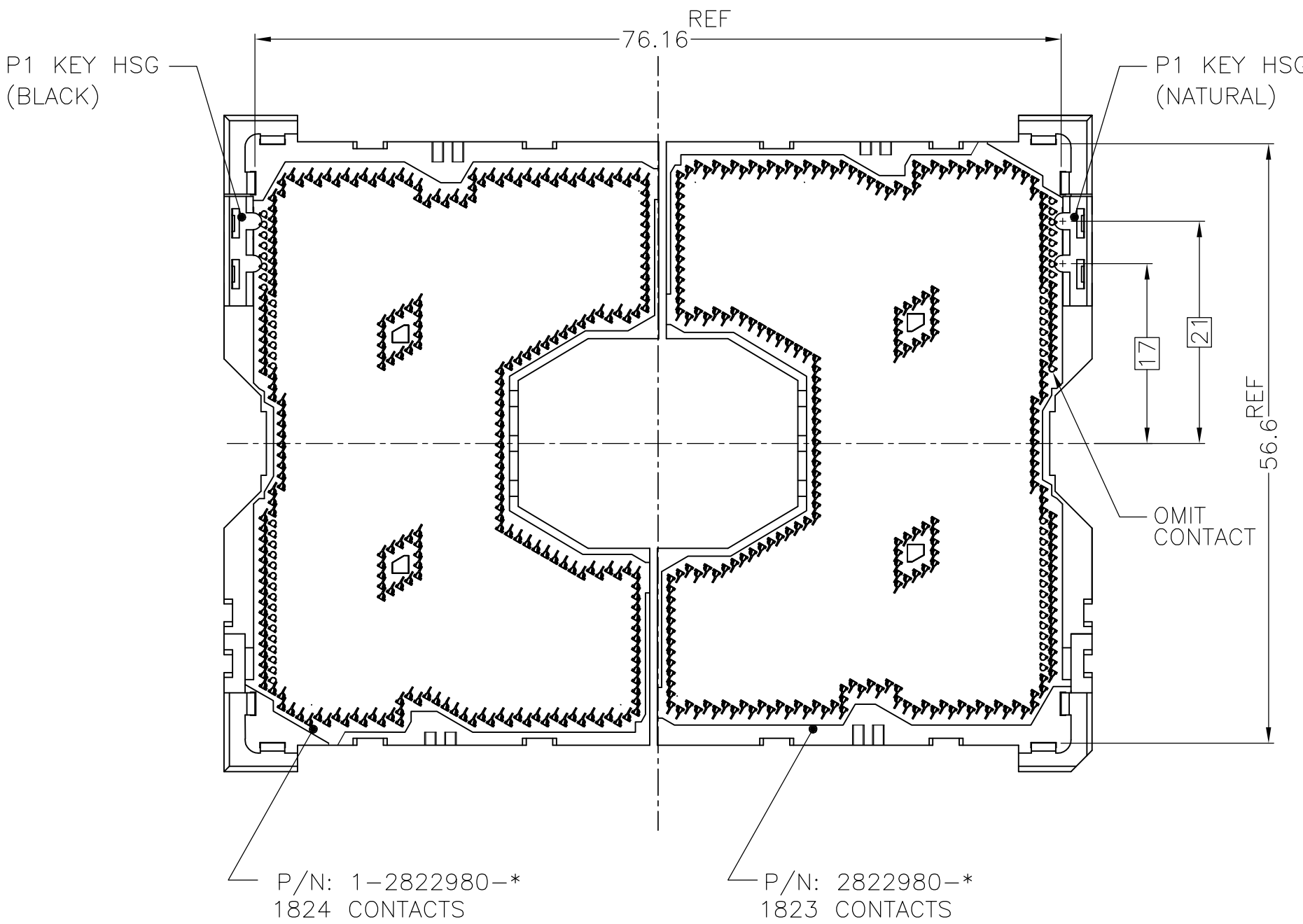
SOCKET P0,LGA3647-0 AS SHOWN



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

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

SOCKET P1,LGA3647-1 AS SHOWN



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

D

C

B

A

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
—

TOLERANCES, UNLESS OTHERWISE SPECIFIED:

0. PLC	±	0.3
1. PLC	±	0.3
2. PLC	±	0.3
3. PLC	±	0.3
4. PLC	±	0.3
ANGLES	±	—
FINISH	—	—

DWN
—

CHK
—

APVD
—

PRODUCT SPEC
—

APPLICATION SPEC
—

WEIGHT
—

CUSTOMER DRAWING

TE Connectivity

NAME
SOCKET ASSY
LGA3647-X

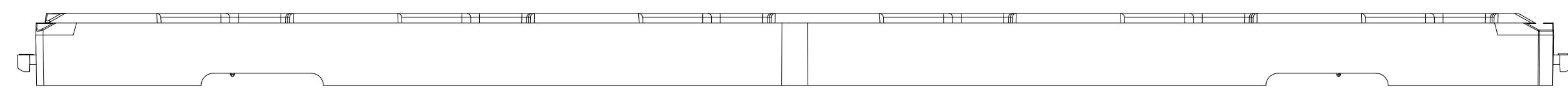
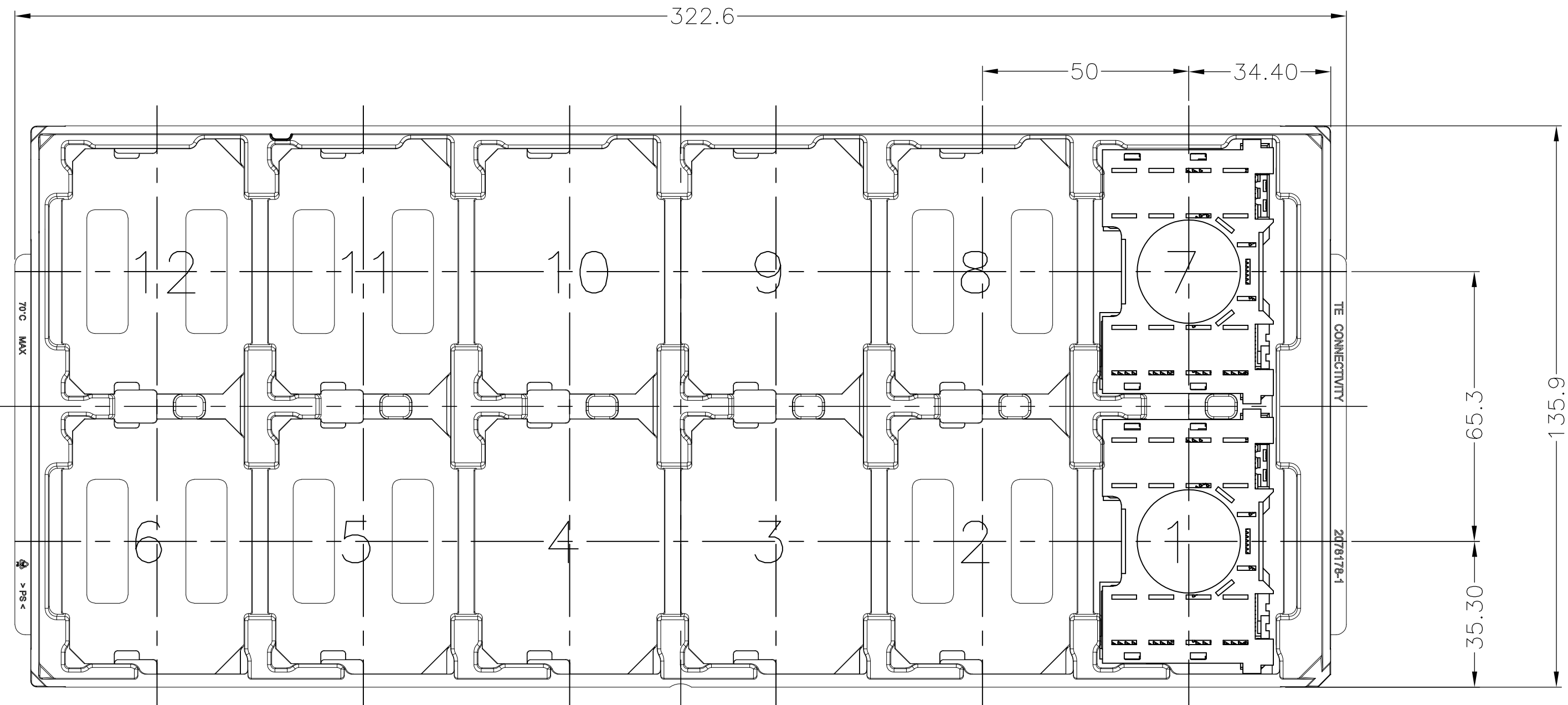
SIZE A2	CAGE CODE 00779	DRAWING NO C-2129710	RESTRICTED TO —
SCALE NTS			SHEET 6 of 7
REV C			

D

C

B

A



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 SOCKET P1
168	84	12	1-2822980-4	2-2129710-7	LGA3647-1 LFFT SEGMENT	LGA3647-0 SOCKET P0
168	84	12	2822980-3	2-2129710-6	LGA3647-0 RIGHT SEGMENT	LGA3647-1 SOCKET P1
168	84	12	1-2822980-3	2-2129710-5	LGA3647-0 LFFT SEGMENT	LGA3647-0 SOCKET P0
168	84	12	2822980-2	2-2129710-4	LGA3647-1 RIGHT SEGMENT	LGA3647-1 SOCKET P1
168	84	12	1-2822980-2	2-2129710-3	LGA3647-1 LFFT SEGMENT	LGA3647-0 SOCKET P0
168	84	12	2822980-1	2-2129710-2	LGA3647-0 RIGHT SEGMENT	LGA3647-1 SOCKET P1
168	84	12	1-2822980-1	2-2129710-1	LGA3647-0 LFFT SEGMENT	LGA3647-0 SOCKET P0

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 -		CHK -		APVD -		NAME	
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC		APPLICATION SPEC		WEIGHT	
0-PLC ±		1-PLC ±		2-PLC ±		3-PLC ±		4-PLC ±	
MATERIAL		FINISH		CUSTOMER DRAWING		SCALE		SHEET	
						A2 00779		7 of 7	
						C=2129710		REV C	

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=2129710	-

SCALE	NTS	SHEET	7 of 7	REV	C
-------	-----	-------	--------	-----	---

D

C

2129710

B

A