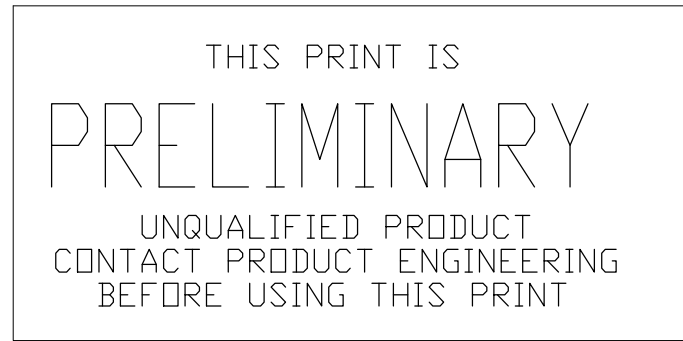




FOR DGO.7

1. MATERIAL

① HOUSING : HIGH TEMP, THERMO-PLASTIC, UL94V-0, BLACK

② CONTACT : COPPER ALLOY

FINISH : Au PL. SHOW AS $\triangle$ AT CONTACT AREA

ON OVERALL OVER Ni UNDER PL. 0.00127 MIN.

③ SOLDER BALL : Sn/Ag/Cu

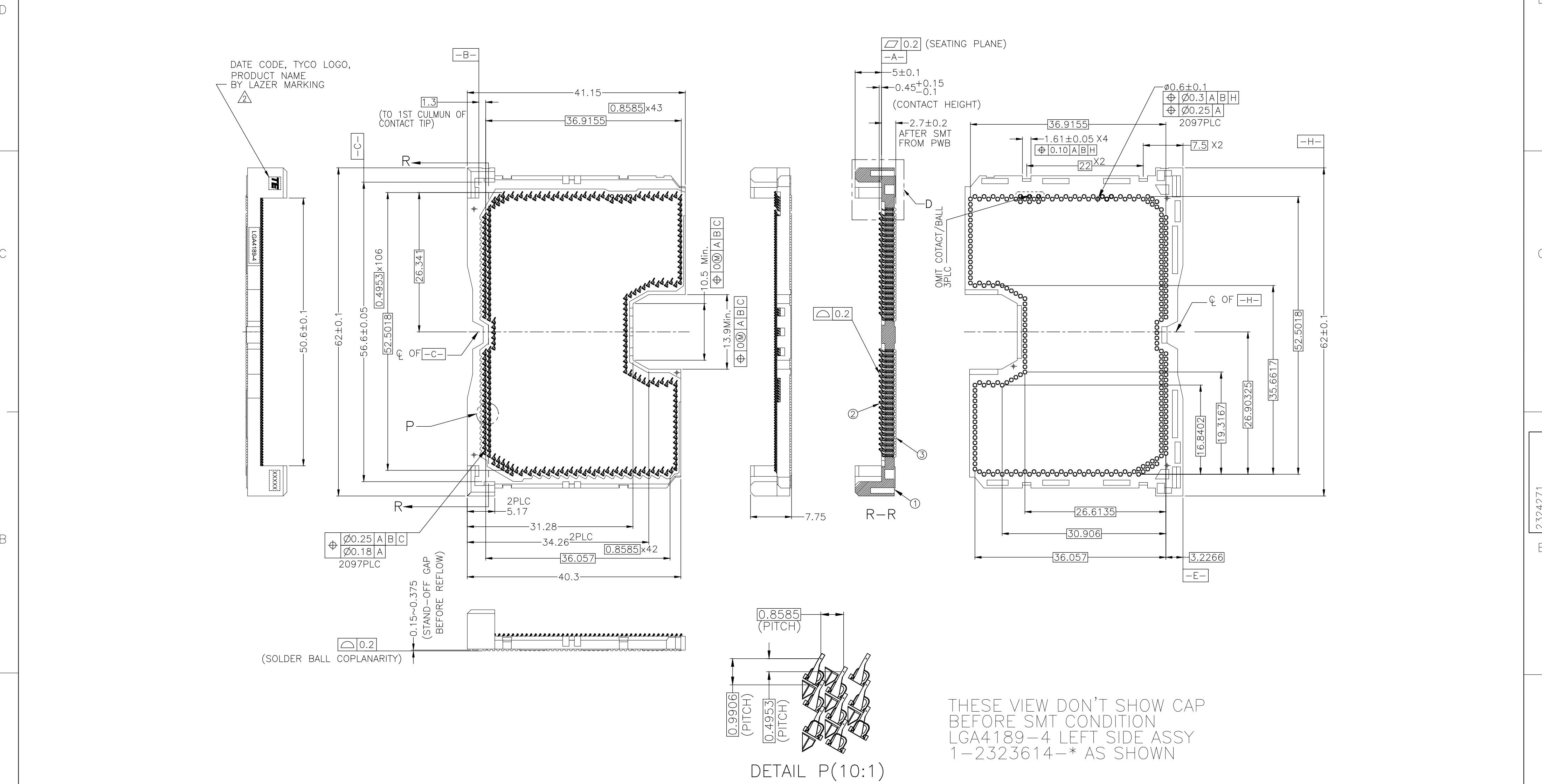
④ CAP : HIGH TEMP. THERMO-PLASTIC, UL94V-0, NATURAL

△ INDICATED DATE CODE , TYCO LOGO, PRODUCT NAME ON THE HSG
△ FOR NORMAL ORDER, LEFT AND RIGHT SEGMENT SHOULD ORDER AT SAME TIME
△ THE NUMBER INDICATED SOCKET NAME,"4" FOR SOCKET P4,"5" FOR SOCKET P5.
△ THE PAD SIZE IS FOR REFERENCE,CUSTOMER CAN FOLLOW INTEL INSTRUCTION TO DESIGN
△ THESE DIMENSIONS FOR BACK PLATE SCREW HOLE.

Y ING	△	30u” AU PLATING		15u” AU PLATING		DESCRIPTION			
		LGA4189-4 SOCKET P4	LGA4189-5 SOCKET P5	LGA4189-4 SOCKET P4	LGA4189-5 SOCKET P5				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
		LGA4189-4 RIGHT SEGMENT	LGA4189-4 LEFT SEGMENT	LGA4189-5 RIGHT SEGMENT	LGA4189-5 LEFT SEGMENT				
	2323614-1	1-2323614-1	2323614-3	1-2323614-1	2323614-2	1-2323614-2	2323614-4	1-2323614-2	SOCKET ASSY P/N
	1								1-2324271-1
		1							1-2324271-2
			1						1-2324271-5
				1					1-2324271-6
					1				1-2324271-3
						1			1-2324271-4
							1		1-2324271-7
								1	1-2324271-8
PRODUCT WEIGHT (g/SOCKET)	QUANTITY PER UNIT								PACKAGE P/N

AFTER SMT CONDITION (WITH CAP)
DEMONSTRATION BY SOCKET P4,LGA4189-4

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN BILL LV 23Jun2019	 TE Connectivity			
		CHK BILL LV 23Jun2019				
DIMENSIONS: mm	TOLERANCES UNLESS OTHERWISE SPECIFIED:	APVD SIMON LI 23Jun2019	NAME SOCKET ASSY LGA4189-X			
	0. PLC ± 0.3 1. PLC ± 0.3 2. PLC ± 0.3 3. PLC ± 0.3 4. PLC ± 0.3 ANGLES $\pm -$	PRODUCT SPEC 108-115149				
MATERIAL	FINISH	APPLICATION SPEC 114-115011	SIZE A2	CAGE CODE 00779	DRAWING NO C-2324271	RESTRICTED TO -
		WEIGHT -	CUSTOMER DRAWING			
			SCALE NTS	SHEET 1	OF 7	REV 8



1471-9 (3/11)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:	TOLERANCES UNLESS OTHERWISE SPECIFIED:
mm	0 PLC ±
	1 PLC ± ±0.3
	2 PLC ± ±0.3
	3 PLC ± ±0.3
	4 PLC ± ±0.3
	ANGLES ±
MATERIAL	FINISH

DWN	—
CHK	—
APVD	—
PRODUCT SPEC	—
APPLICATION SPEC	—
WEIGHT	—
CUSTOMER DRAWING	

TE Connectivity

SOCKET ASSY
LGA4189-X

SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
A2	00779	C=2324271	—
SCALE		SHEET	REV
NTS		2 OF 7	8

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

D

C

B

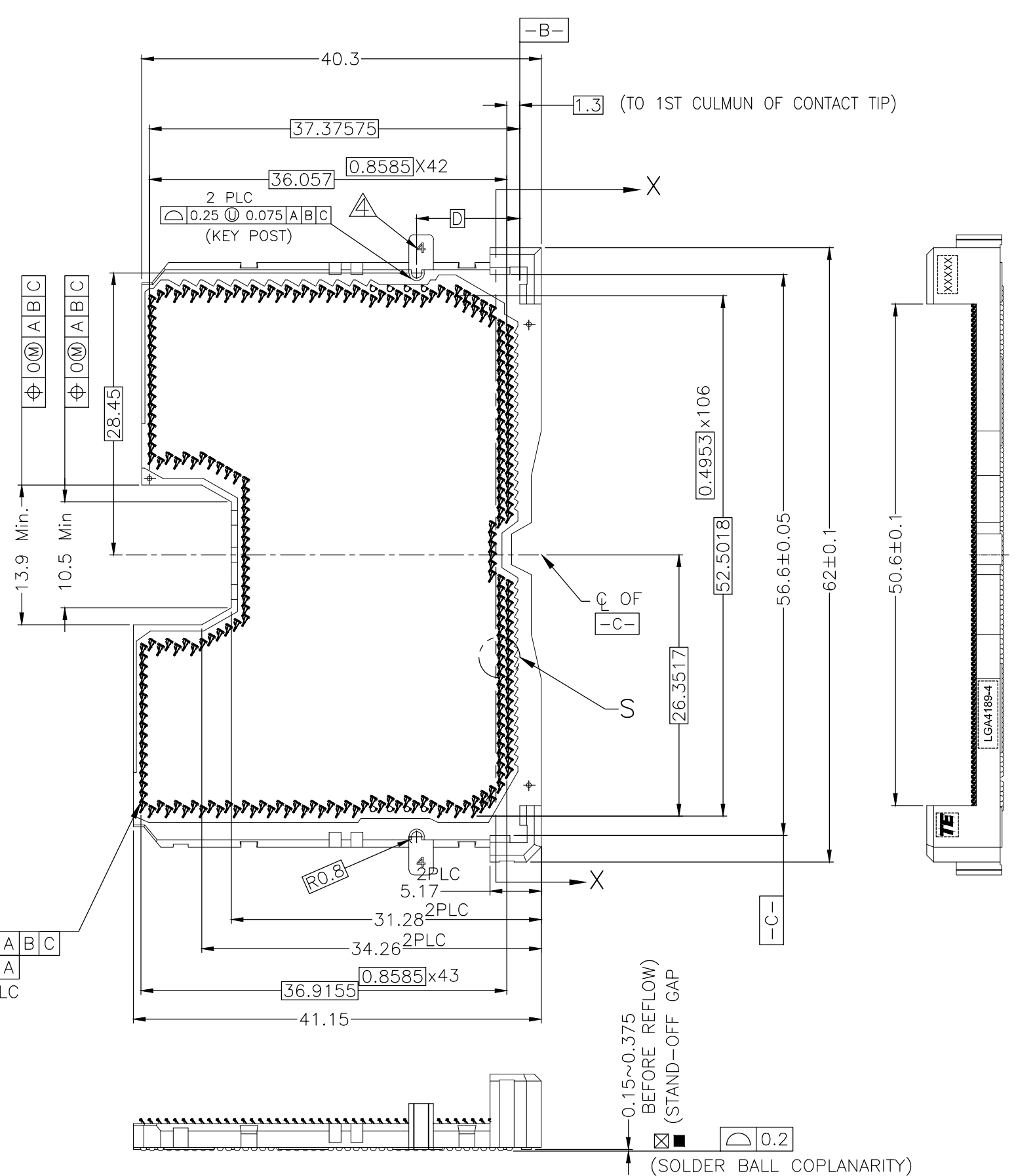
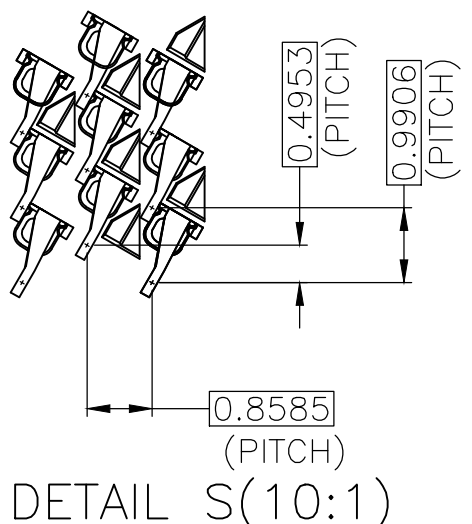
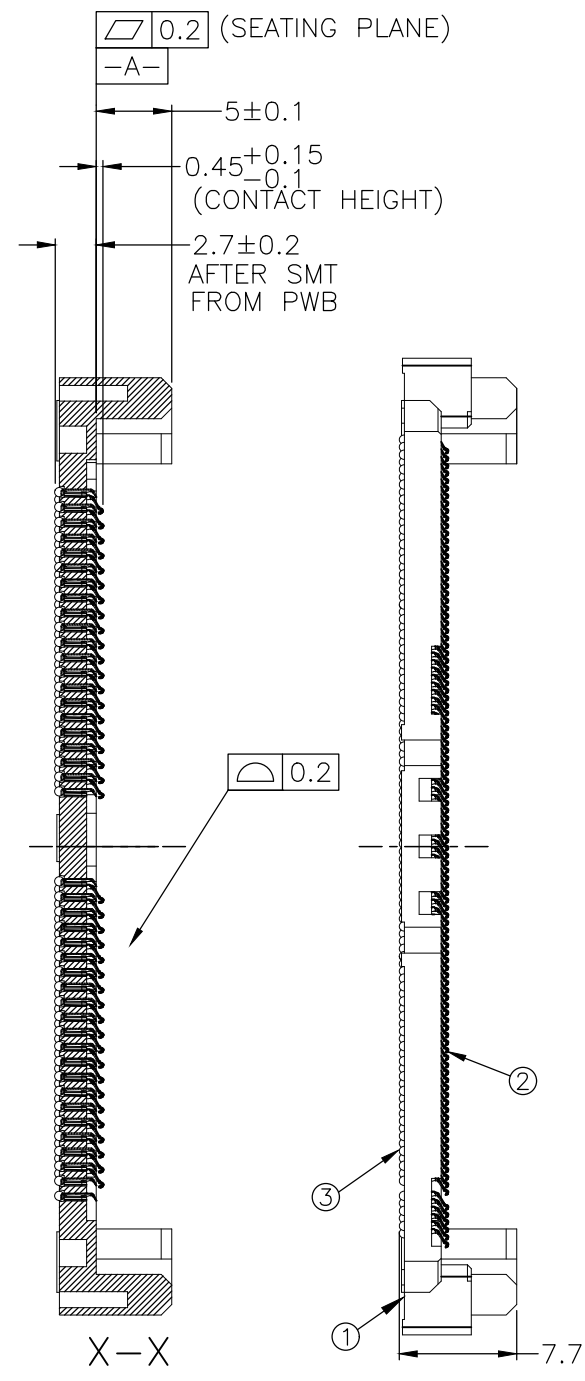
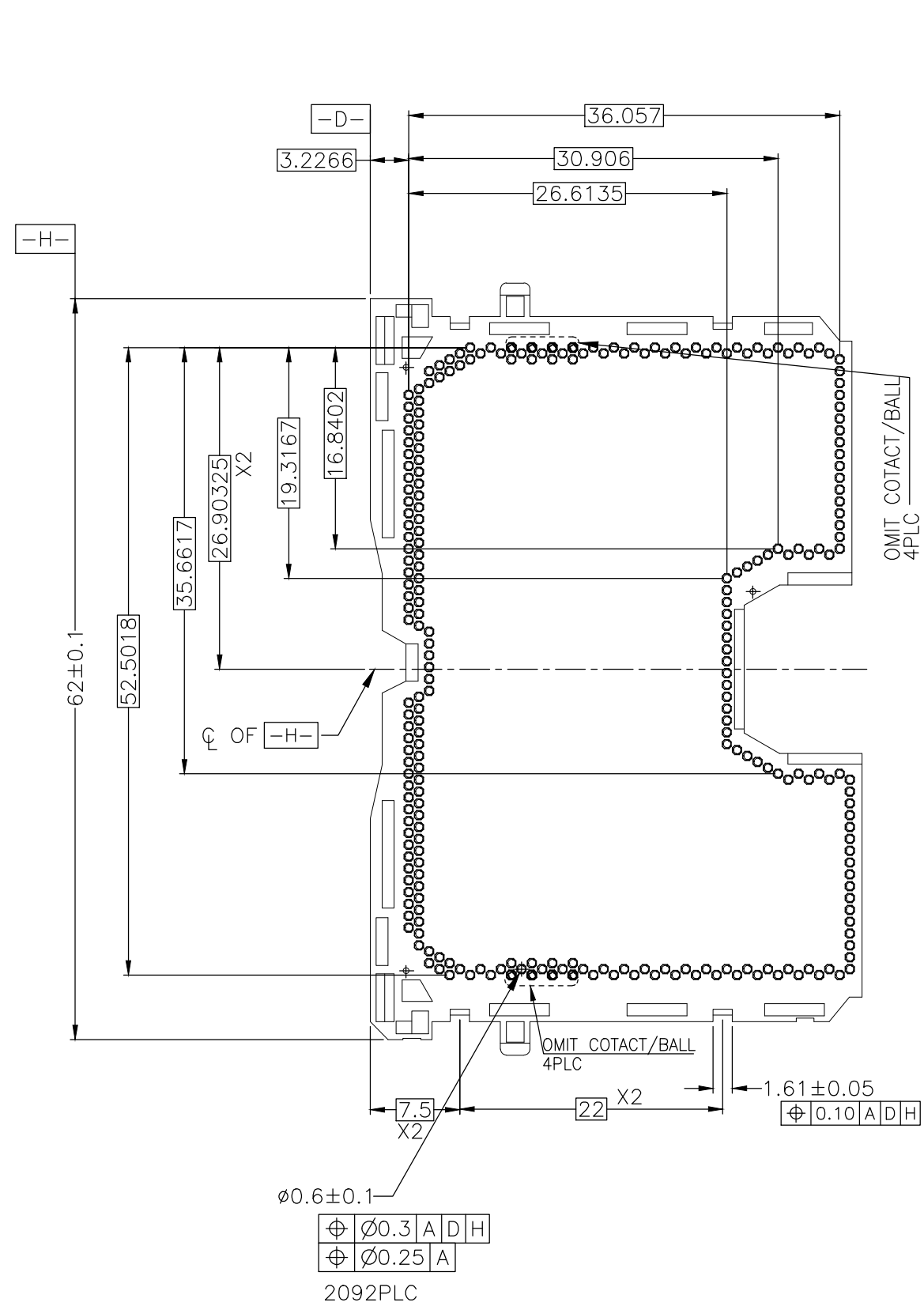
A

D

C

B

A



THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION
LGA4189-4 RIGHT SIDE ASSY
2323614-* AS SHOWN

TABLE FOR P4/P5 KEY LOCATION	
LGA4189 SOCKET P5(RIGHT SEGMENT)	13.415
LGA4189 SOCKET P4(RIGHT SEGMENT)	10.415
DESCRIPTION	DIM D

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

0-PLC ±

1-PLC ±

2-PLC ±

3-PLC ±

4-PLC ±

ANGLES ±

FINISH

TOLERANCES UNLESS OTHERWISE SPECIFIED:

±0.3

±3

MATERIAL

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE Connectivity

SOCKET ASSY
LGA4189-X

SIZE

A2

CAGE CODE

00779

DRAWING NO

C=2324271

RESTRICTED TO

—

SCALE

NTS

SHEET

3 OF 7

REV

8

1471-9 (3/11)

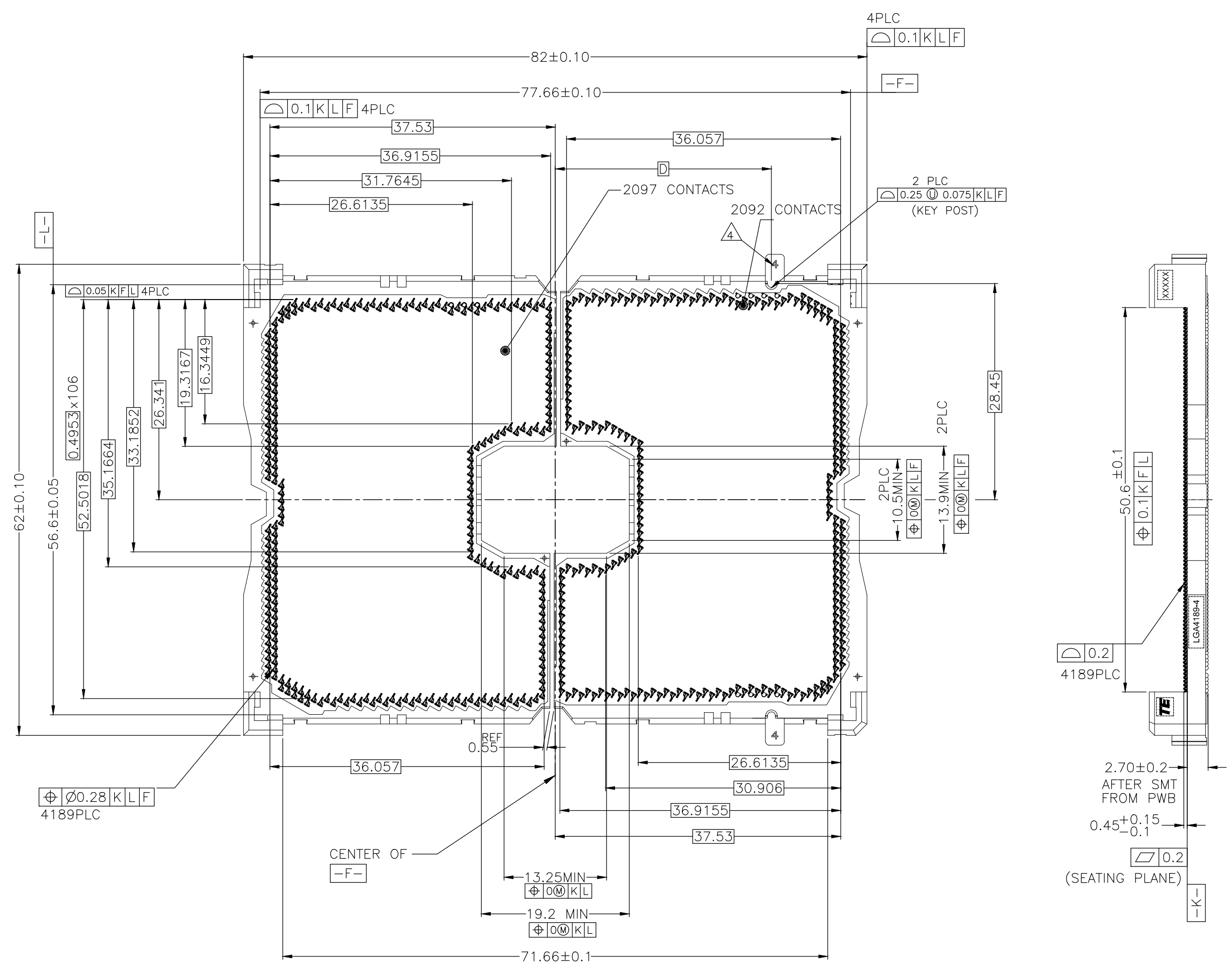
2324271

D

C

B

A



AFTER SMT CONDITION (WITHOUT CAP)

TABLE FOR P4/P5 KEY LOCATION	
LGA4189 SOCKET P5(RIGHT SEGMENT)	25.415
LGA4189 SOCKET P4(RIGHT SEGMENT)	28.415
DESCRIPTION	DIM D

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
-

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

DWN
-

CHK
-

APVD
-

PRODUCT SPEC
-

APPLICATION SPEC
-

WEIGHT
-

CUSTOMER DRAWING

TE Connectivity

NAME
SOCKET ASSY
LGA2324271-X

SIZE A2	CAGE CODE 00779	DRAWING NO C=2324271	RESTRICTED TO -
SCALE NTS			SHEET 4 of 7
			REV 8

D

C

B

A

2324271

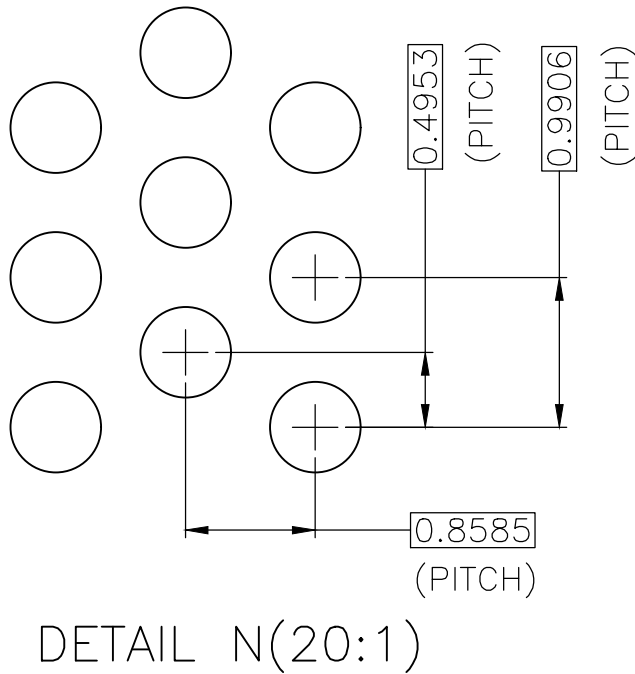
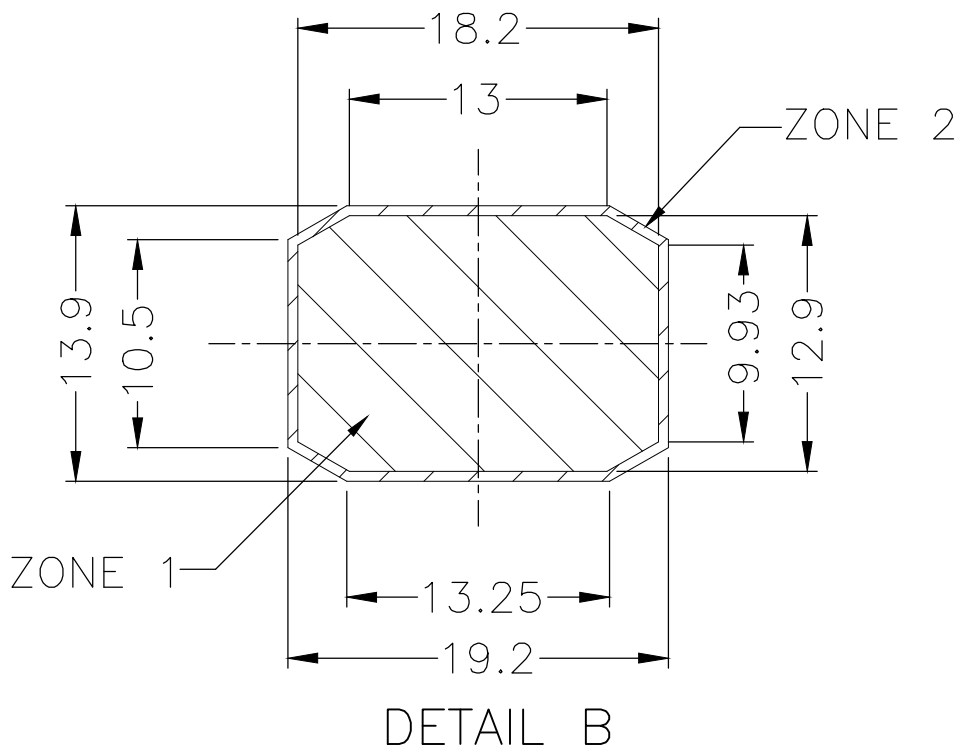
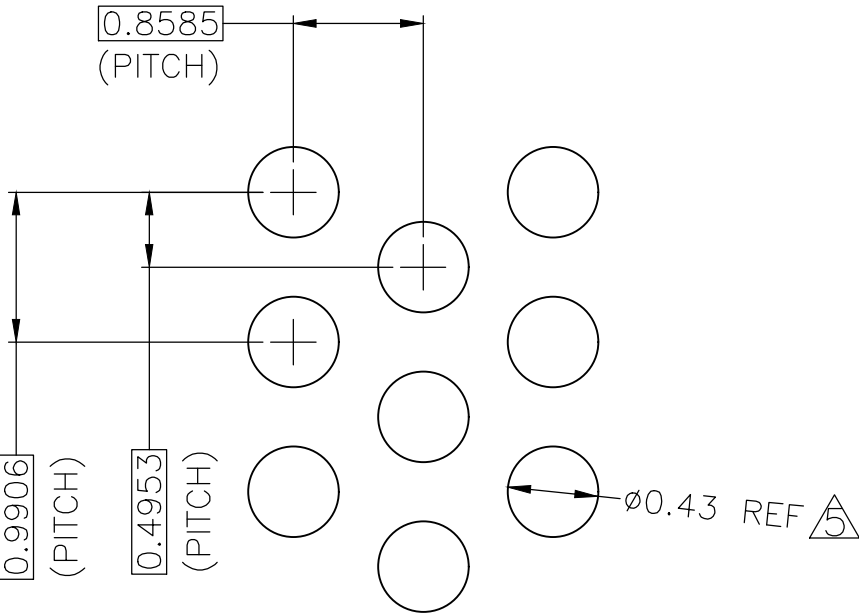
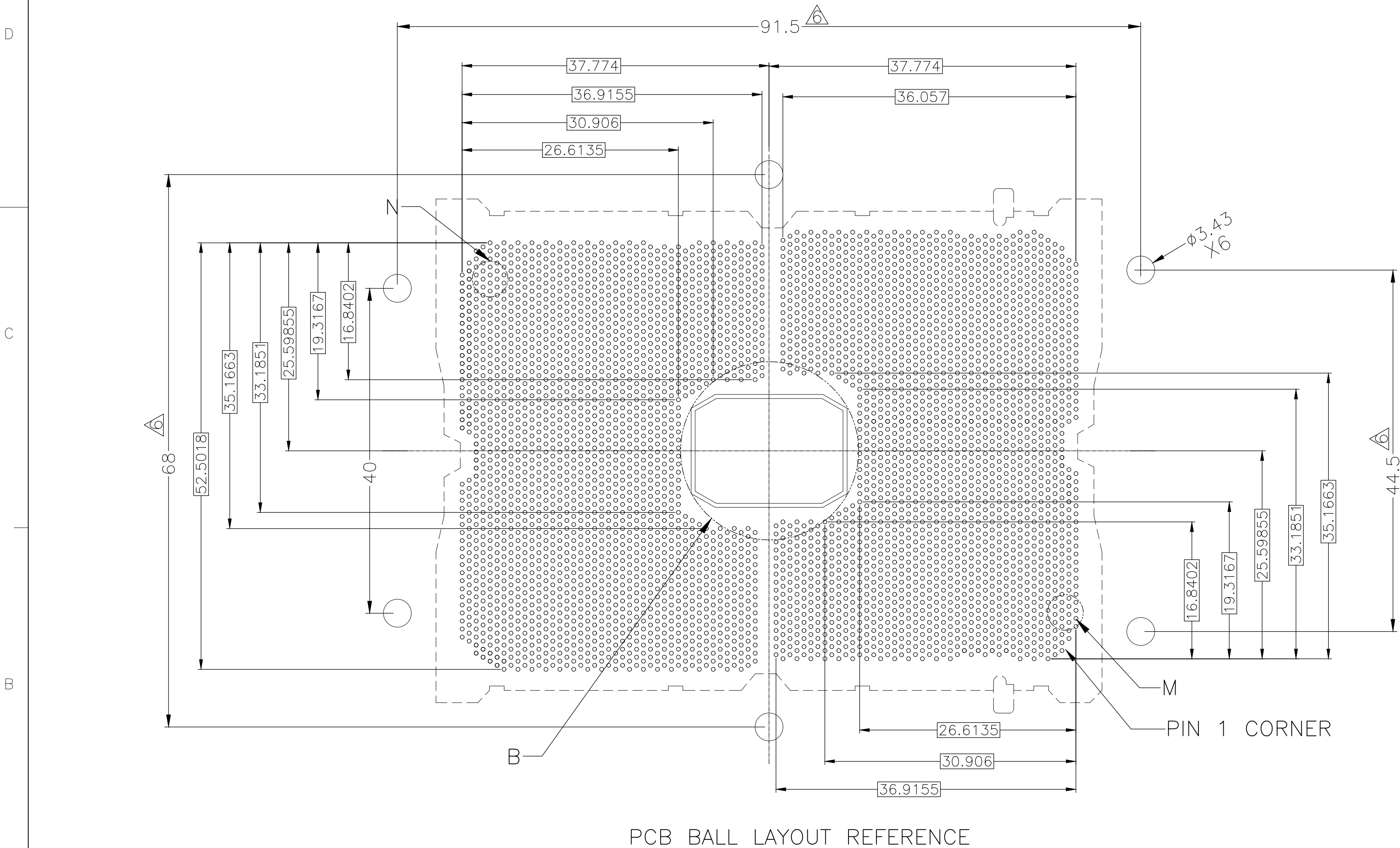
LOC	DIST	REVISIONS					
		P	LTR	DESCRIPTION	DATE	DWN	APVD
ES	—						
			—	SEE SHEET 1	—	—	—

D

C

B

A



KOZ LEGEND FOR REFERENCE:	
	ZONE 2: SOCKET CAVITY TO SOCKET ZONE. NO COMPONENT PLACEMENT ALLOWED 0.0mm HEIGHT RESTRICTION.
	ZONE 1: SOCKET CAVITY 1.222mm HEIGHT RESTRICTION.

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	-	TE Connectivity			
		CHK	-				
		APVD	-	NAME			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		PRODUCT SPEC			
				APPLICATION SPEC			
				WEIGHT			
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
				A2	00779	C=2324271	-
				CUSTOMER DRAWING		SCALE	REV
						NTS	8
						SHEET	REV
						5 of 7	8

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

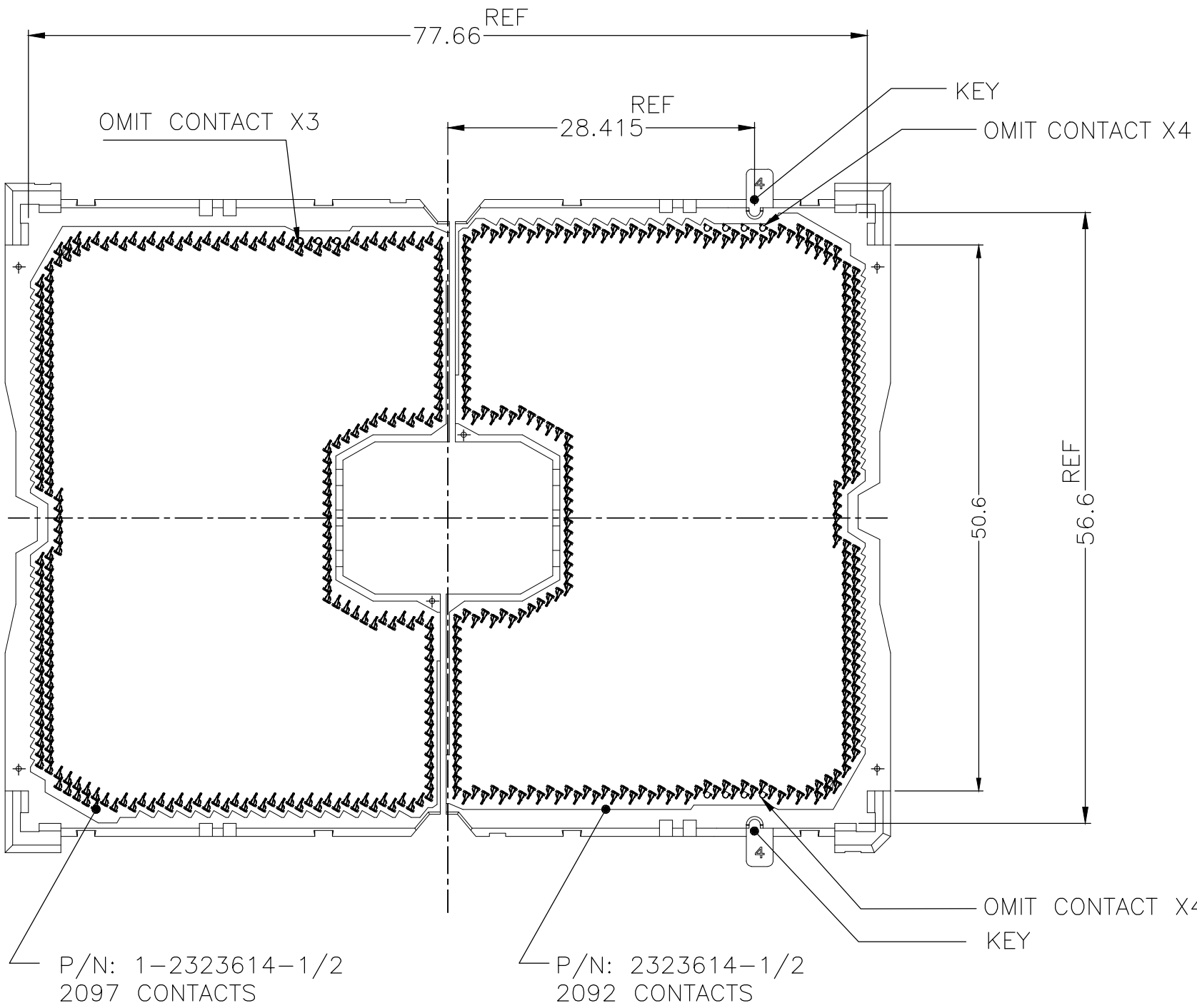
D

C

B

A

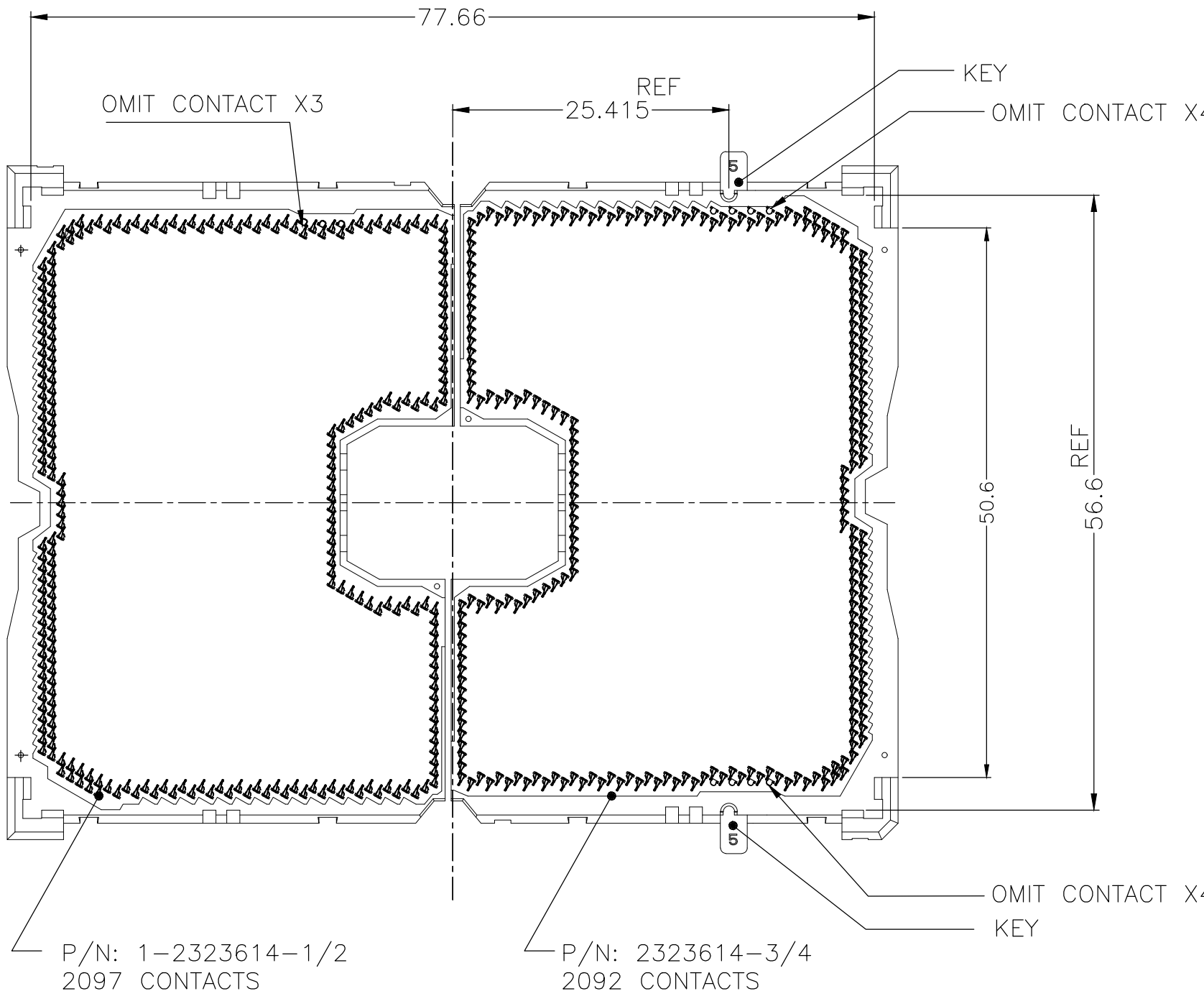
SOCKET P4,LGA4189-4 AS SHOWN



LGA4189-4 AS SHOWN
AFTER SMT CONDITION (WITHOUT CAP)

LGA4189-X POST SMT CONDITION
(PCB IS NOT SHOWN)

SOCKET P5,LGA4189-5 AS SHOWN



LGA4189-5 AS SHOWN
AFTER SMT CONDITION (WITHOUT CAP)

D

C

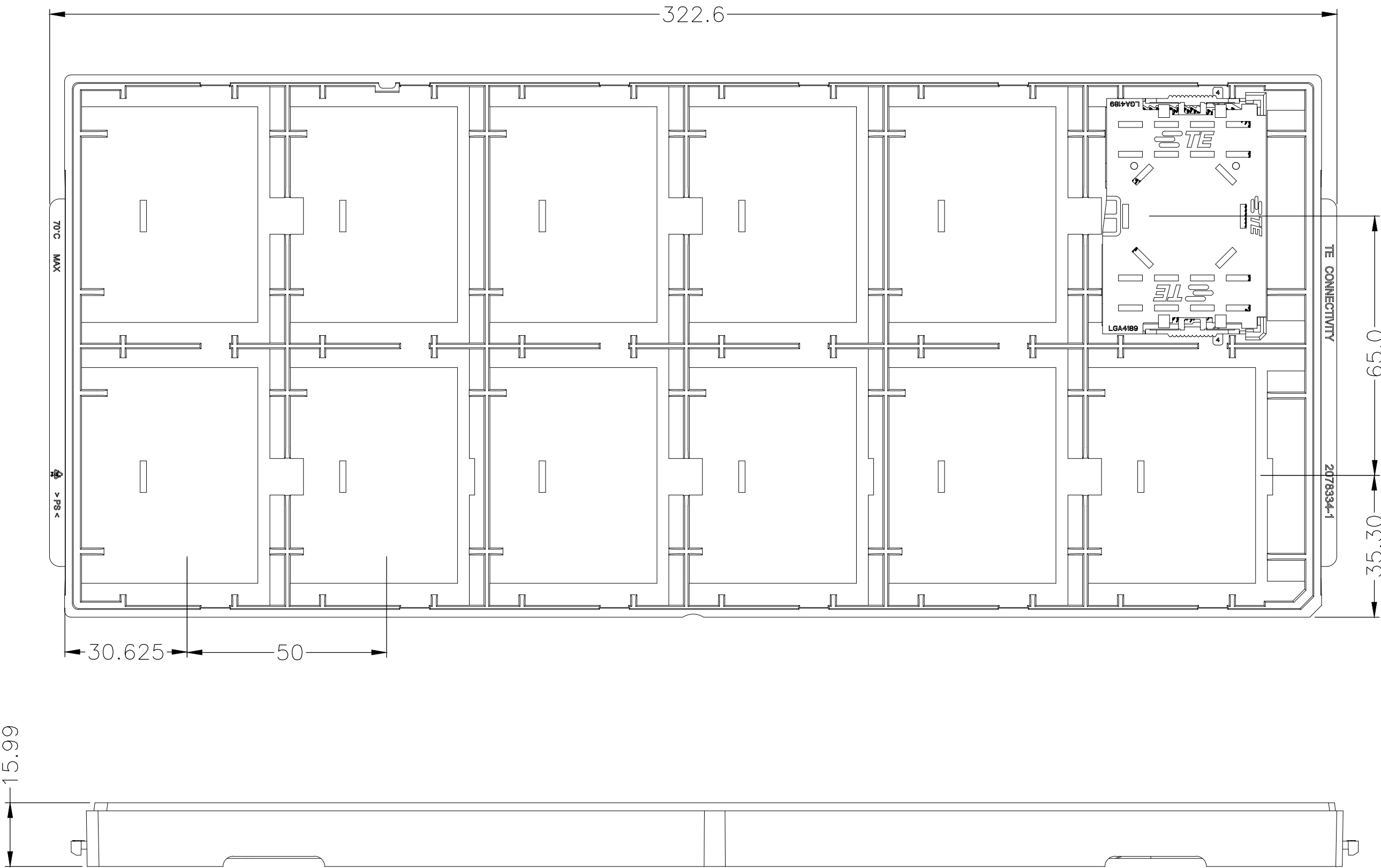
B

A

2324271

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN — CHK — APVD —		 TE Connectivity							
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		NAME							
		0 PLC ± ±0.3		PRODUCT SPEC							
		1 PLC ± ±3		—							
		2 PLC ± ±3		APPLICATION SPEC							
		3 PLC ± ±3		—							
		4 PLC ± ±3		—							
MATERIAL		FINISH		SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO				
—		—		A2	00779	C=2324271	—				
CUSTOMER DRAWING						SCALE	N TS	SHEET	6 of 7	REV	8

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



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

SOCKET P4/5 HARD TRAY

168	84	12	2323614-4	1-2324271-7	LGA4189-5 RIGHT SEGMENT	LGA4189-5 SOCKET P5
168	84	12	1-2323614-2	1-2324271-8	LGA4189-5 LFFT SEGMENT	
168	84	12	2323614-3	1-2324271-5	LGA4189-5 RIGHT SEGMENT	
168	84	12	1-2323614-1	1-2324271-6	LGA4189-5 LFFT SEGMENT	
168	84	12	2323614-2	1-2324271-3	LGA4189-4 RIGHT SEGMENT	LGA4189-4 SOCKET P4
168	84	12	1-2323614-2	1-2324271-4	LGA4189-4 LFFT SEGMENT	
168	84	12	2323614-1	1-2324271-1	LGA4189-4 RIGHT SEGMENT	
168	84	12	1-2323614-1	1-2324271-2	LGA4189-4 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.

DIMENSIONS:
mm

0 PLC ±

1 PLC ±

2 PLC ±

3 PLC ±

4 PLC ±

ANGLES ±

TOLERANCES UNLESS
OTHERWISE SPECIFIED:

±0.5

±3

MATERIAL

FINISH

DWN

CHK

APVD

PRODUCT SPEC

APPLICATION SPEC

WEIGHT

CUSTOMER DRAWING

TE

TE Connectivity

NAME

SOCKET ASSY
LGA4189-X

SIZE

CAGE CODE

DRAWING NO

RESTRICTED TO

SCALE

SHEET

REV

A2

00779

C=2324271

NTS

7 of 7

8



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

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Факс: 8 (812) 320-02-42

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