

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

② CONTACT : COPPER ALLOY

FINISH : Au PL. SHOW AS Δ 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

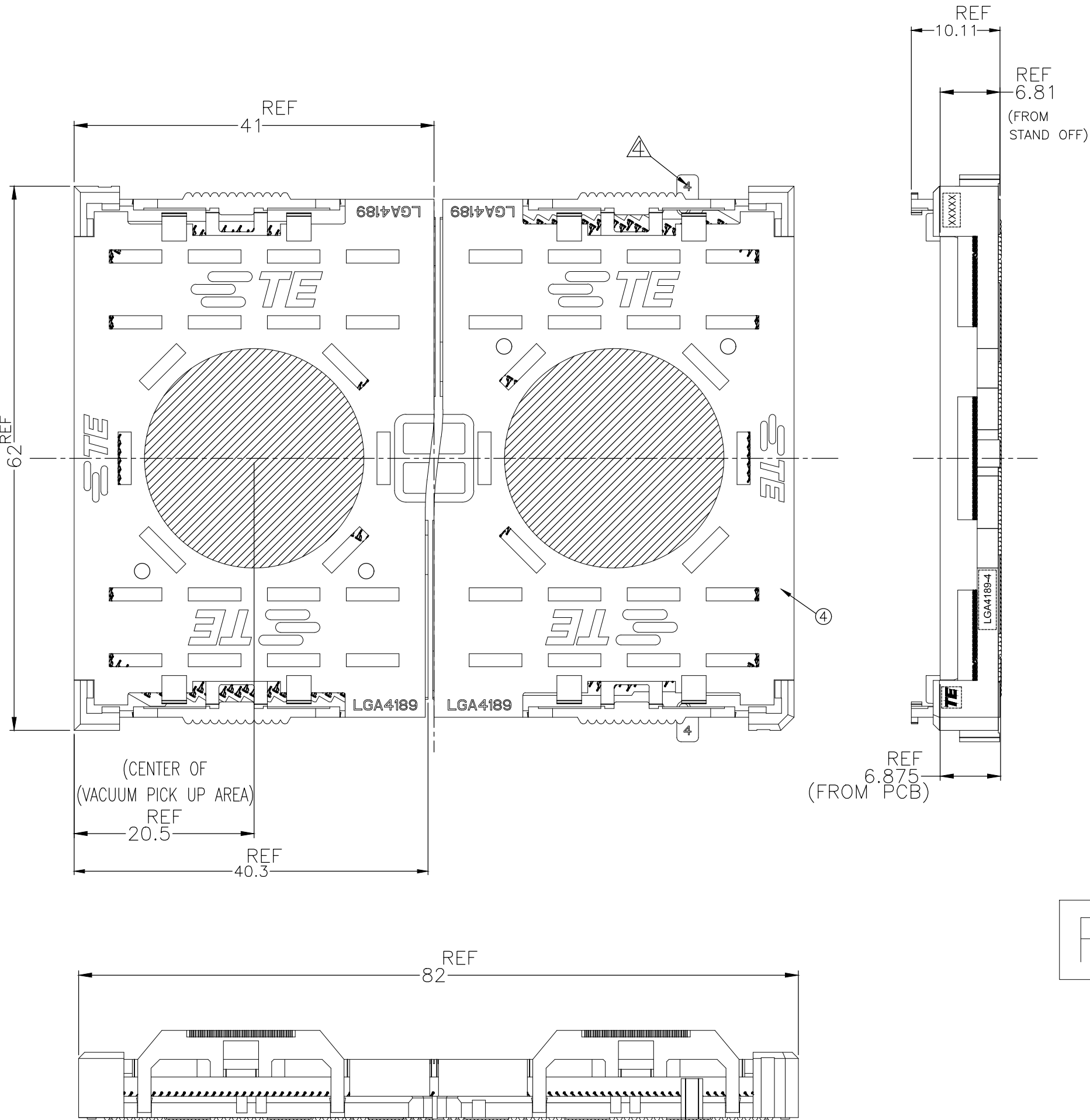
Δ INDICATED DATE CODE , TYCO LOGO, PRODUCT NAME ON THE HSG

Δ FOR NORMAL ORDER, LEFT AND RIGHT SEGMENT SHOULD ORDER AT SAME TIME

Δ THE NUMBER INDICATED SOCKET NAME,"4" FOR SOCKET P4,"5" FOR SOCKET P5.

Δ THE PAD SIZE IS FOR REFERENCE,CUSTOMER CAN FOLLOW INTEL INSTRUNCTION TO DESIGN

Δ THESE DIMENSIONS FOR BACK PLATE SCREW HOLE.



THIS PRINT IS
PRELIMINARY
UNQUALIFIED PRODUCT
CONTACT PRODUCT ENGINEERING
BEFORE USING THIS PRINT

FOR DGO.7

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 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	SOCKET ASSY P/N
2323614-1	1-2323614-1	2323614-3	1-2323614-1	2323614-2	1-2323614-2	2323614-4	1-2323614-2	
1	1	1	1	1	1	1	1	
QUANTITY PER UNIT								PACKAGE P/N
1-2324271-1								1-2324271-1
1-2324271-2								1-2324271-2
1-2324271-5								1-2324271-5
1-2324271-6								1-2324271-6
1-2324271-3								1-2324271-3
1-2324271-4								1-2324271-4
1-2324271-7								1-2324271-7
1-2324271-8								1-2324271-8

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

THIS DRAWING IS A CONTROLLED DOCUMENT.				DWN	23Jun2019	TE Connectivity		
				BILL LV	23Jun2019			
				CHK	23Jun2019	NAME		
				BILL LV	23Jun2019			
				APVD	23Jun2019	SOCKET ASSY LGA4189-X		
				SIMON LI	23Jun2019			
				PRODUCT SPEC		SIZE		
				108-115149				
				APPLICATION SPEC		CAGE CODE		
				114-115011				
				WEIGHT	-	DRAWING NO		
				CUSTOMER DRAWING				
				SCALE	NTS	SHEET		
				1 of 7				
				REV	8	RESTRICTED TO		

D

D

C

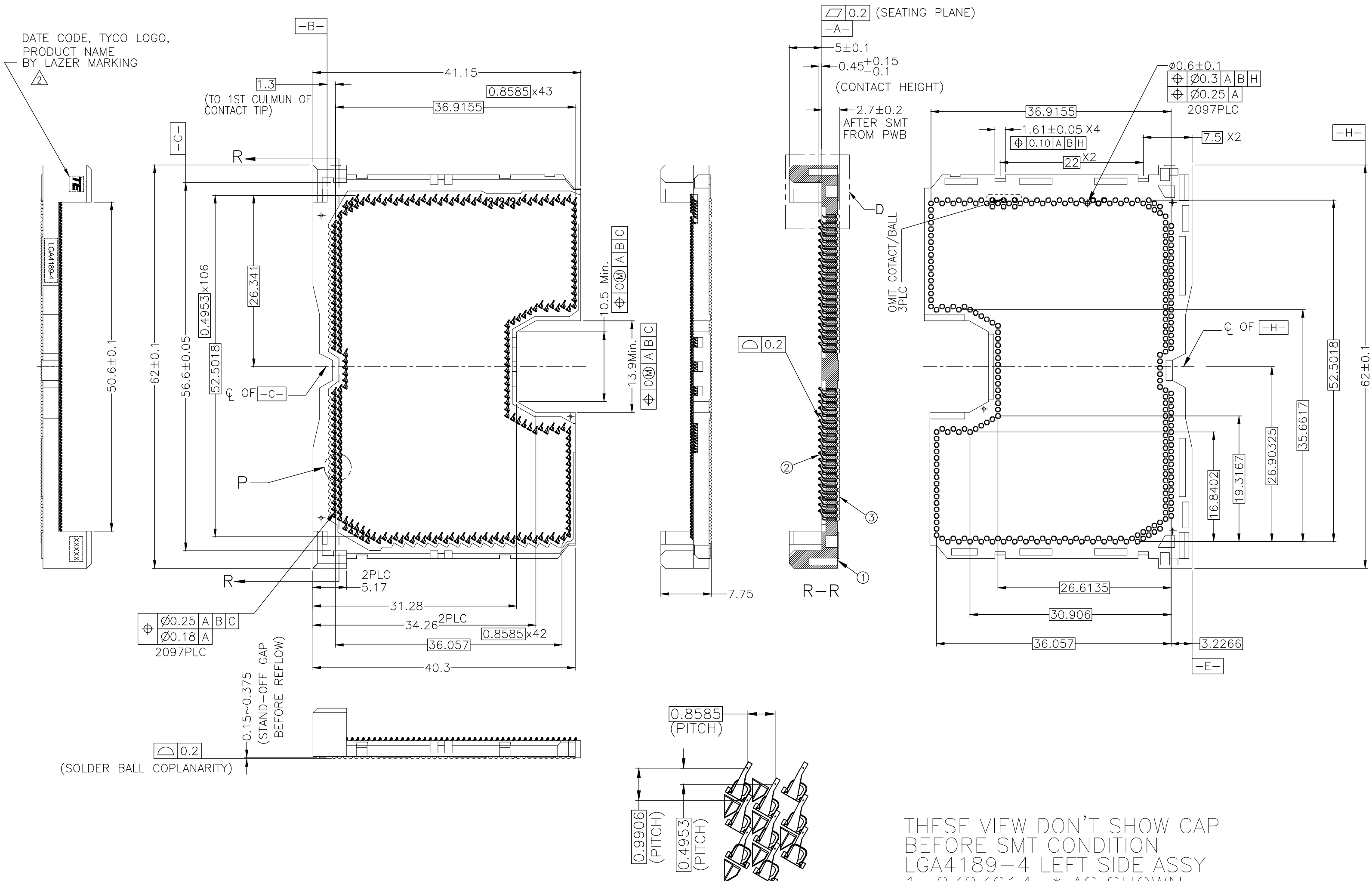
C

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THESE VIEW DON'T SHOW CAP
BEFORE SMT CONDITION
LGA4189-4 LEFT SIDE ASSY
1-2323614-* AS SHOWN

THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN - CHK - APVD -	TE Connectivity			
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		NAME SOCKET ASSY LGA4189-X		
MATERIAL		PRODUCT SPEC APPLICATION SPEC WEIGHT		SIZE A2	CAGE CODE 00779	
		CUSTOMER DRAWING		DRAWING NO C=2324271	RESTRICTED TO	
SCALE NTS				SHEET 2 OF 7	REV 8	

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

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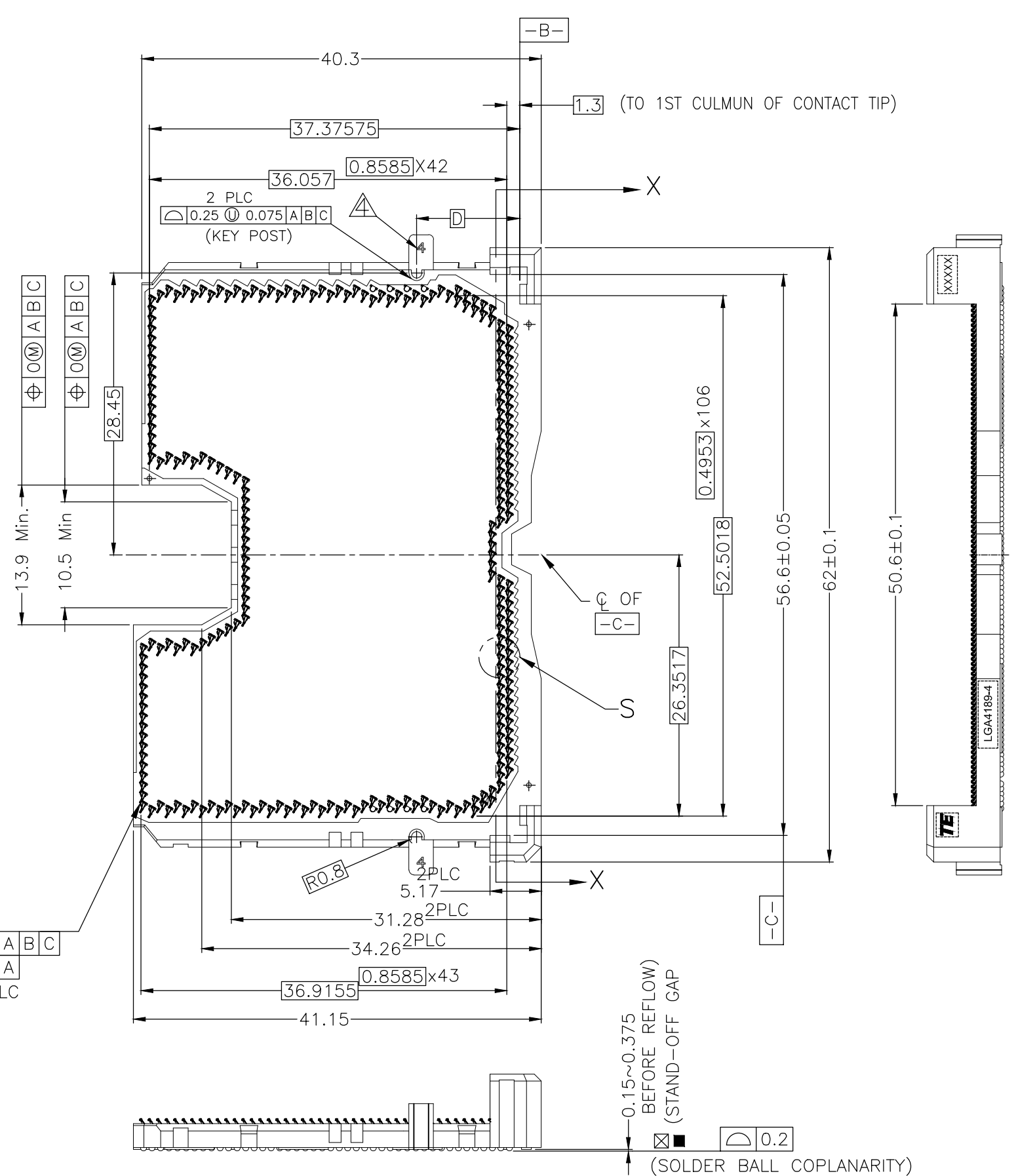
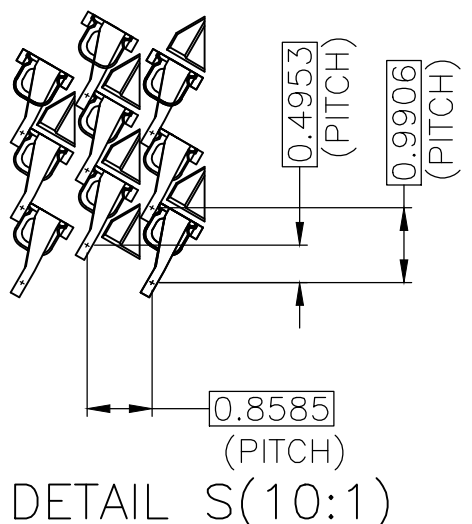
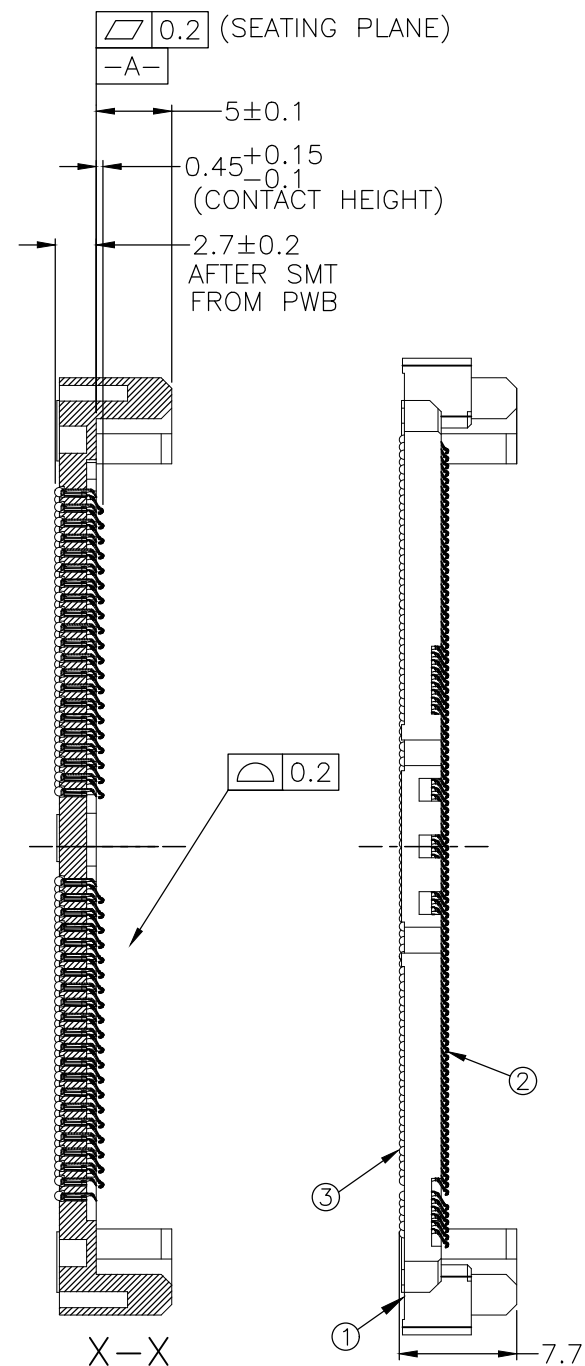
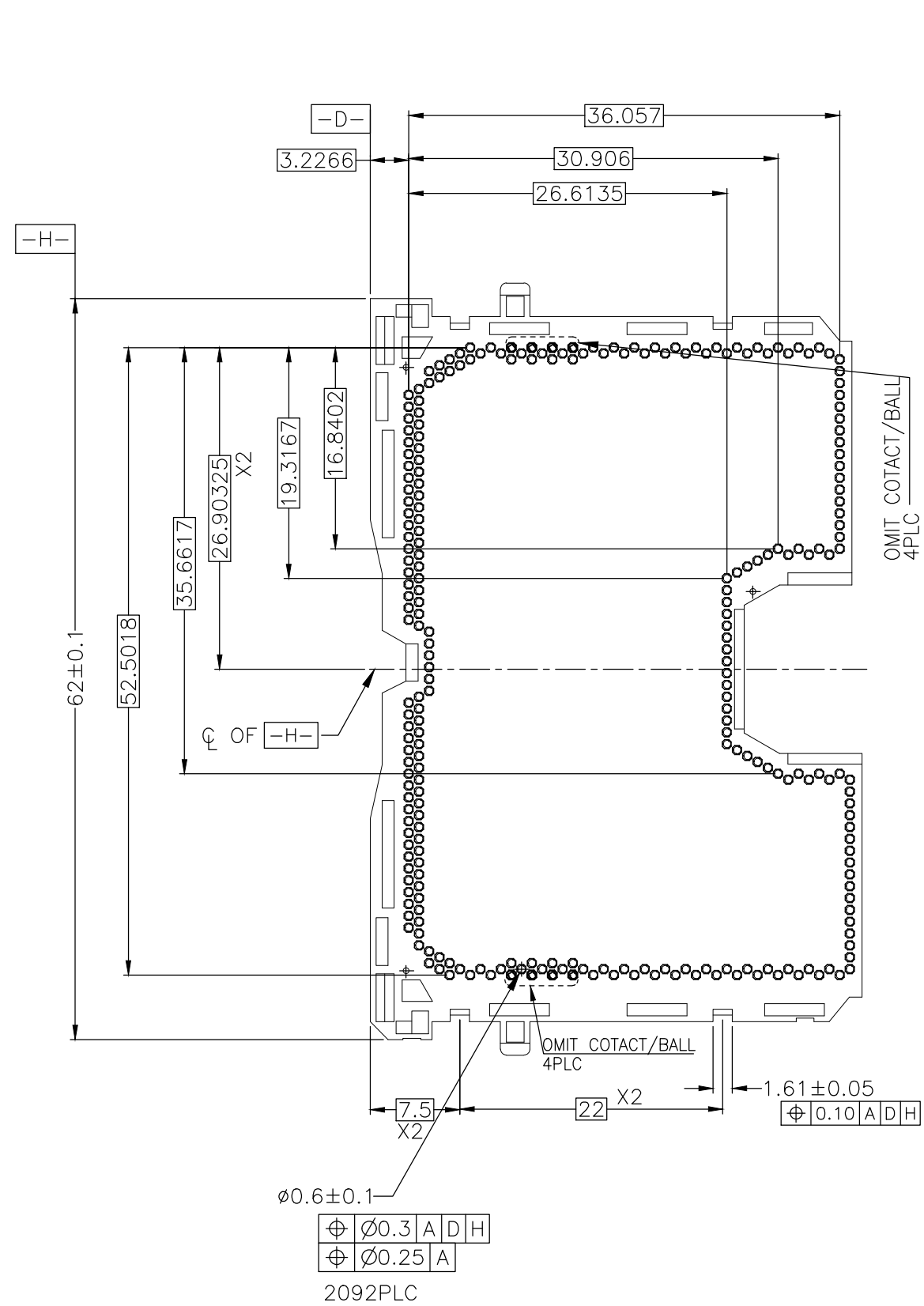
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THESE VIEW DON'T SHOW CAP BEFORE SMT CONDITION
LGA4189-4 RIGHT SIDE ASSY
2323614-* AS SHOWN

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.		DWN	—	 TE Connectivity			
DIMENSIONS: mm		CHK	—				
TOLERANCES UNLESS OTHERWISE SPECIFIED:		APVD	—	NAME			
0 PLC ±		PRODUCT SPEC	—	SOCKET ASSY LGA4189-X			
1 PLC ±		APPLICATION SPEC	—				
2 PLC ±		WEIGHT	—	SIZE	CAGE CODE	DRAWING NO	RESTRICTED TO
3 PLC ±		CUSTOMER DRAWING		A2	00779	C=2324271	—
4 PLC ±		SCALE	NTS	SHEET		3 OF 7	REV
ANGLES ±						8	
FINISH							

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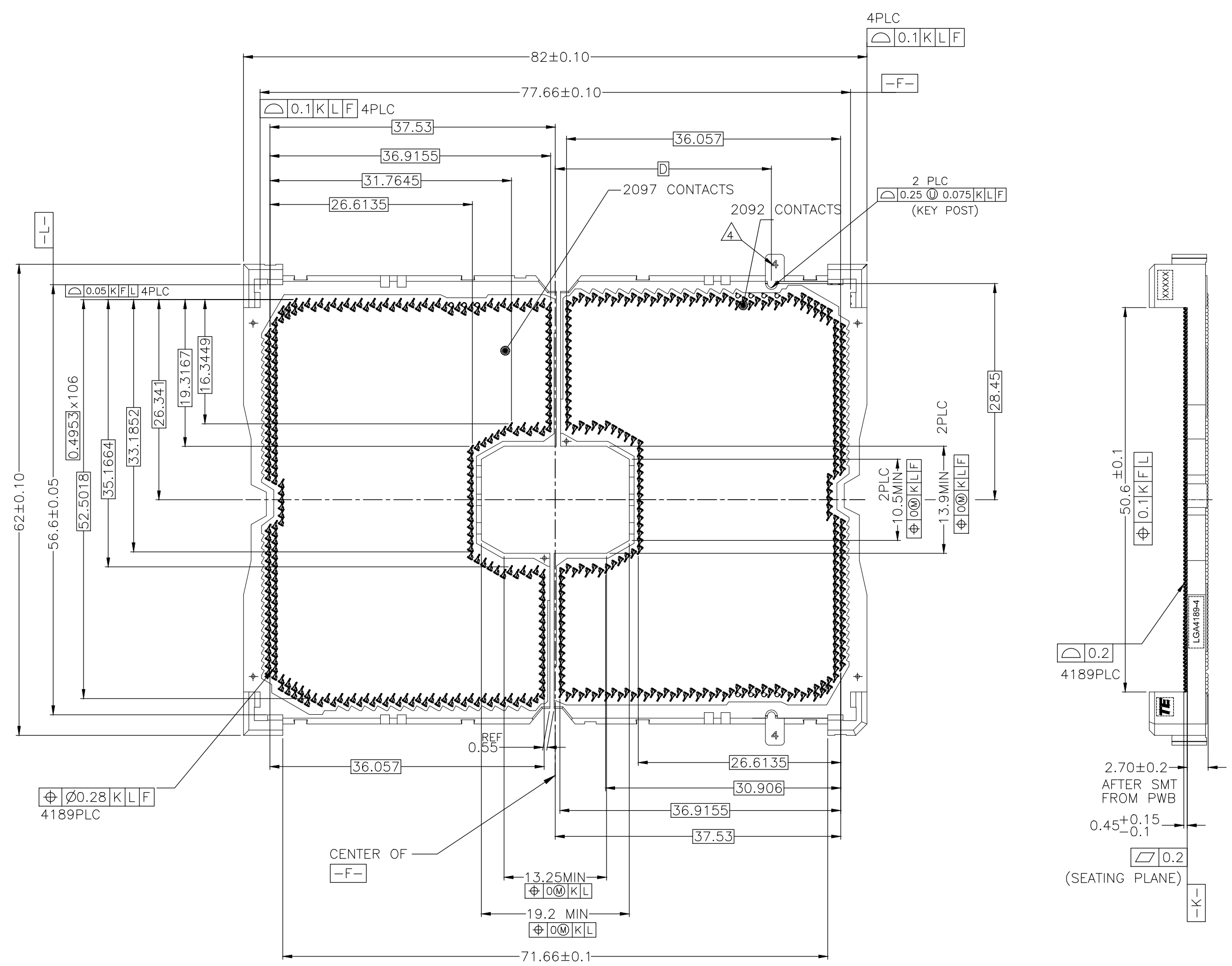
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AFTER SMT CONDITION (WITHOUT CAP)

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	±	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
LGA2324271-X

SIZE A2	CAGE CODE 00779	DRAWING NO C=2324271	RESTRICTED TO -
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SCALE NTS	SHEET 4 of 7	REV 8
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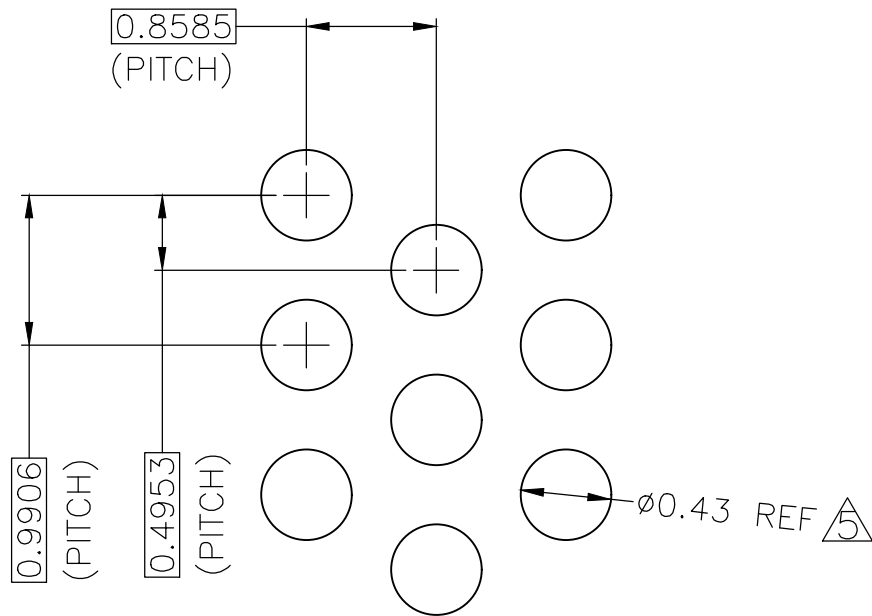
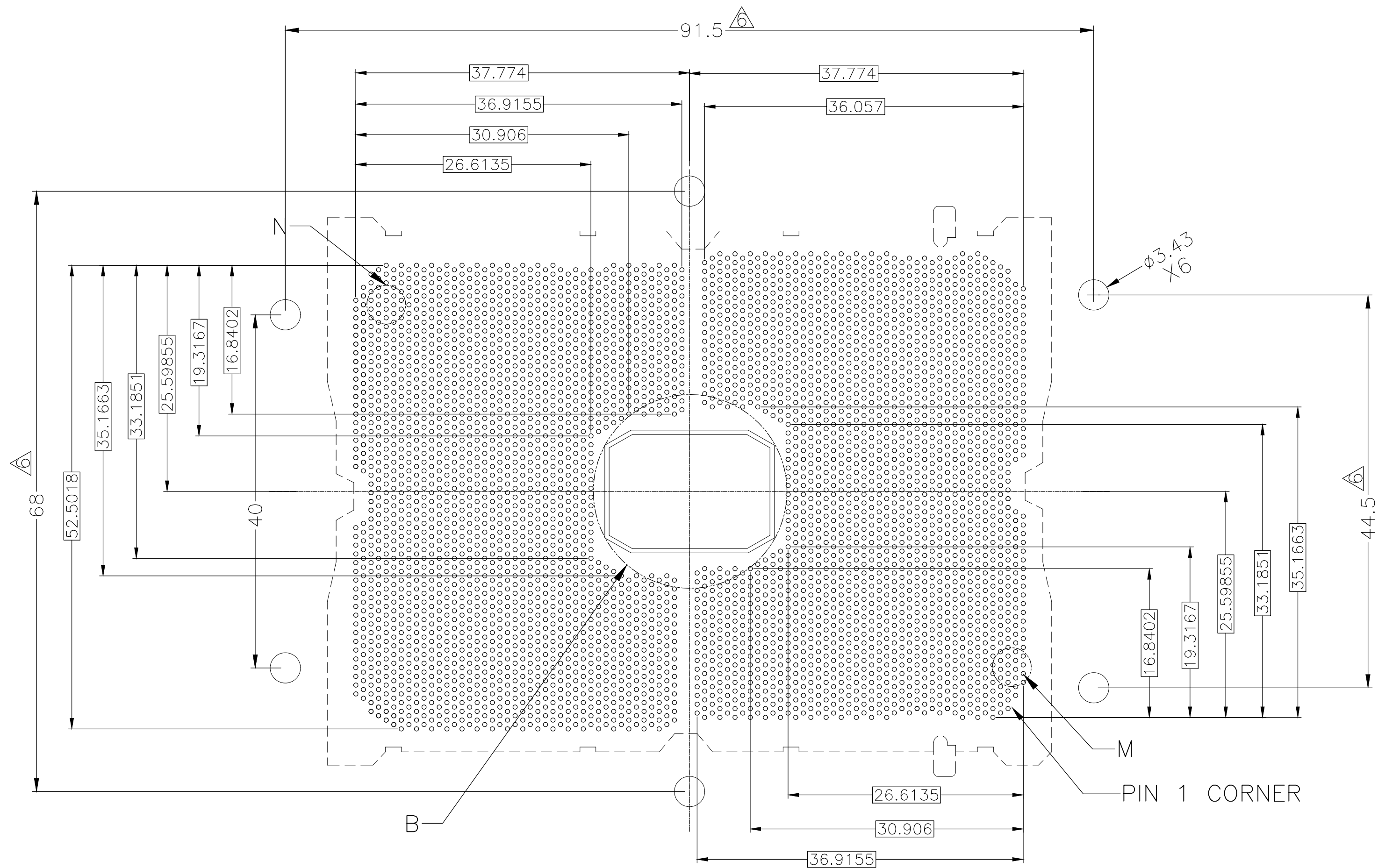
LOC	DIST	REVISIONS				
		P	LTR	DESCRIPTION	DATE	DWN
ES	-	-	-	SEE SHEET 1	-	-

D

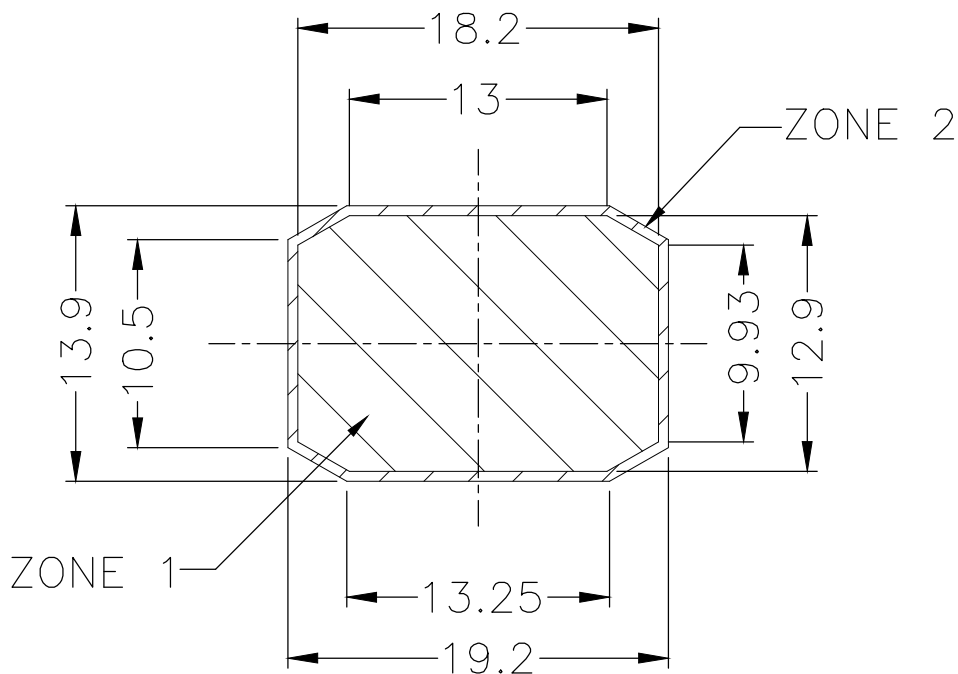
C

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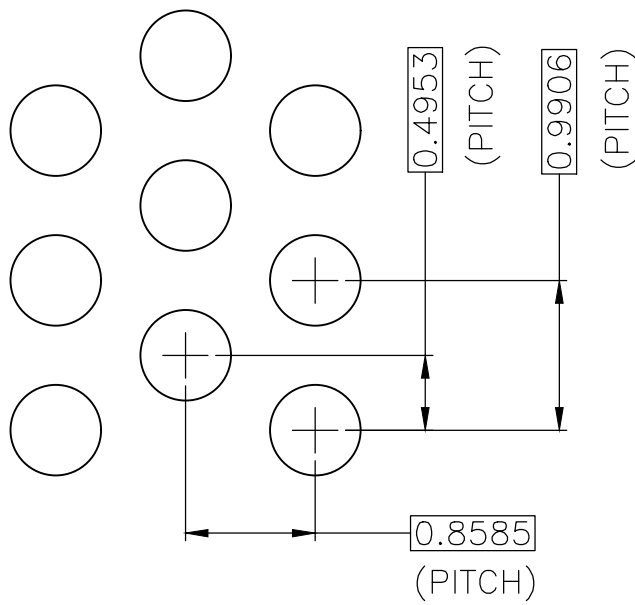


DETAIL M(20:1)



DETAIL B

PCB BALL LAYOUT REFERENCE



DETAIL N(20:1)

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			
DIMENSIONS: mm		CHK —				
		APVD —	NAME SOCKET ASSY LGA4189-X			
TOLERANCES UNLESS OTHERWISE SPECIFIED: 0-PLC ± 1-PLC ± 2-PLC ± 3-PLC ± 4-PLC ± ANGLES ± FINISH		PRODUCT SPEC — APPLICATION SPEC — WEIGHT —	SIZE A2	CAGE CODE 00779	DRAWING NO C=2324271	RESTRICTED TO —
MATERIAL —		CUSTOMER DRAWING	SCALE NTS	SHEET 5 of 7	REV 8	

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

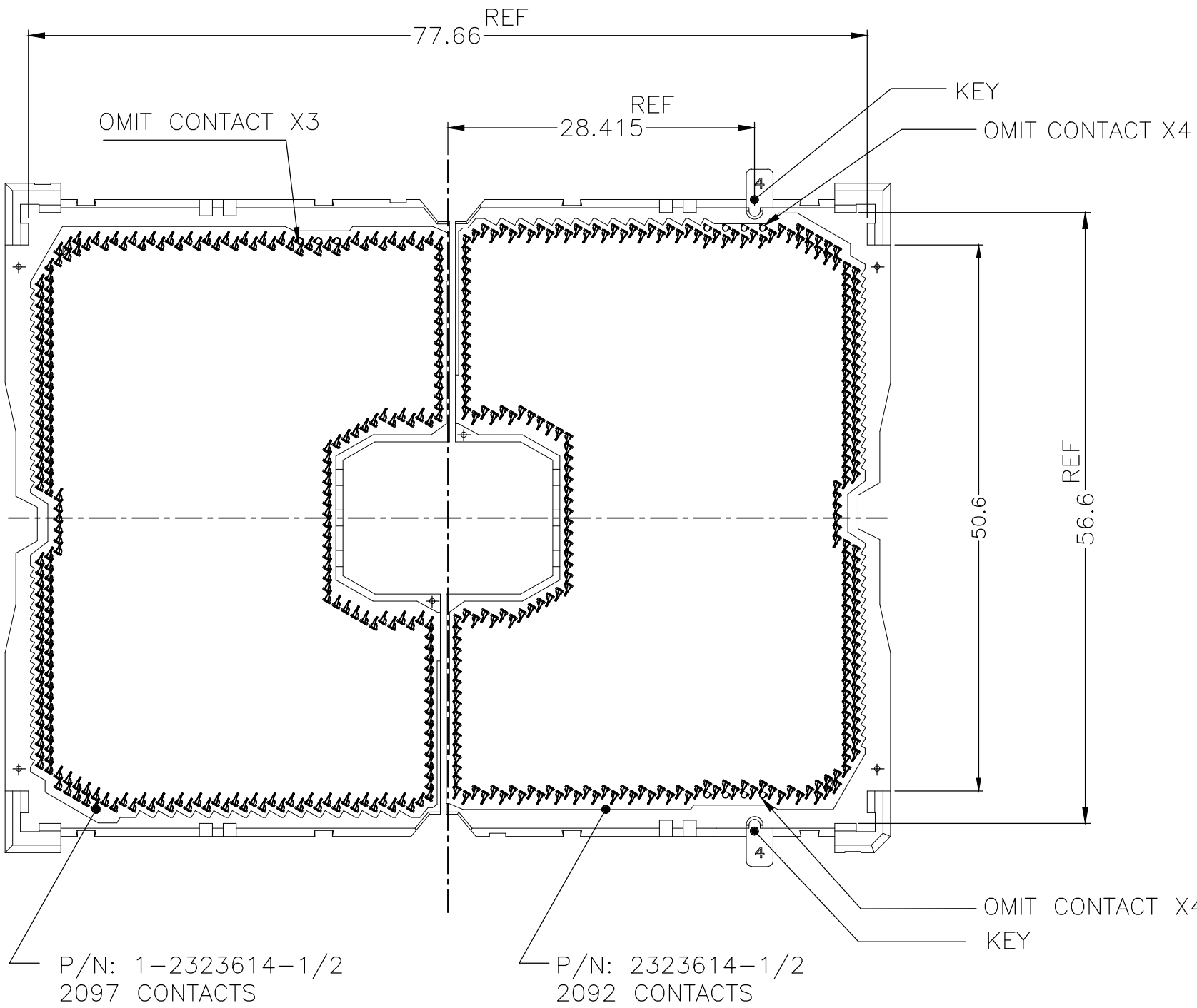
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C

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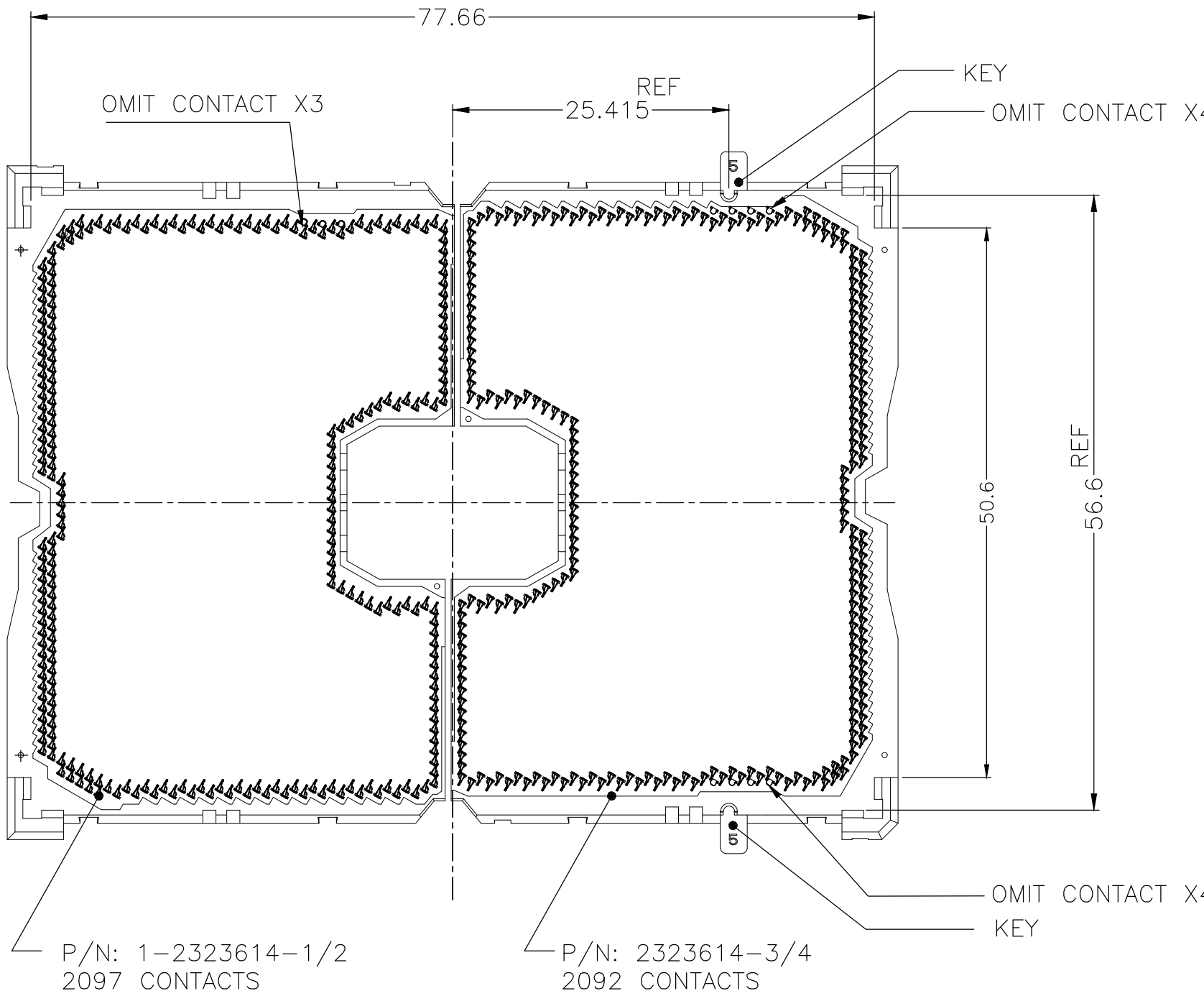
SOCKET P4,LGA4189-4 AS SHOWN



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)

THIS DRAWING IS A CONTROLLED DOCUMENT.

DIMENSIONS:
mm

MATERIAL
—

TOLERANCES UNLESS OTHERWISE SPECIFIED:

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

±0.3
±3

DWN
—
CHK
—
APVD
—

PRODUCT SPEC
—
APPLICATION SPEC
—
WEIGHT
—
CUSTOMER DRAWING

TE Connectivity

NAME
SOCKET ASSY
LGA4189-X

SIZE
A2

CAGE CODE
00779

DRAWING NO
C=2324271

RESTRICTED TO
—

SCALE
NTS

SHEET
6 OF 7

REV
8

D

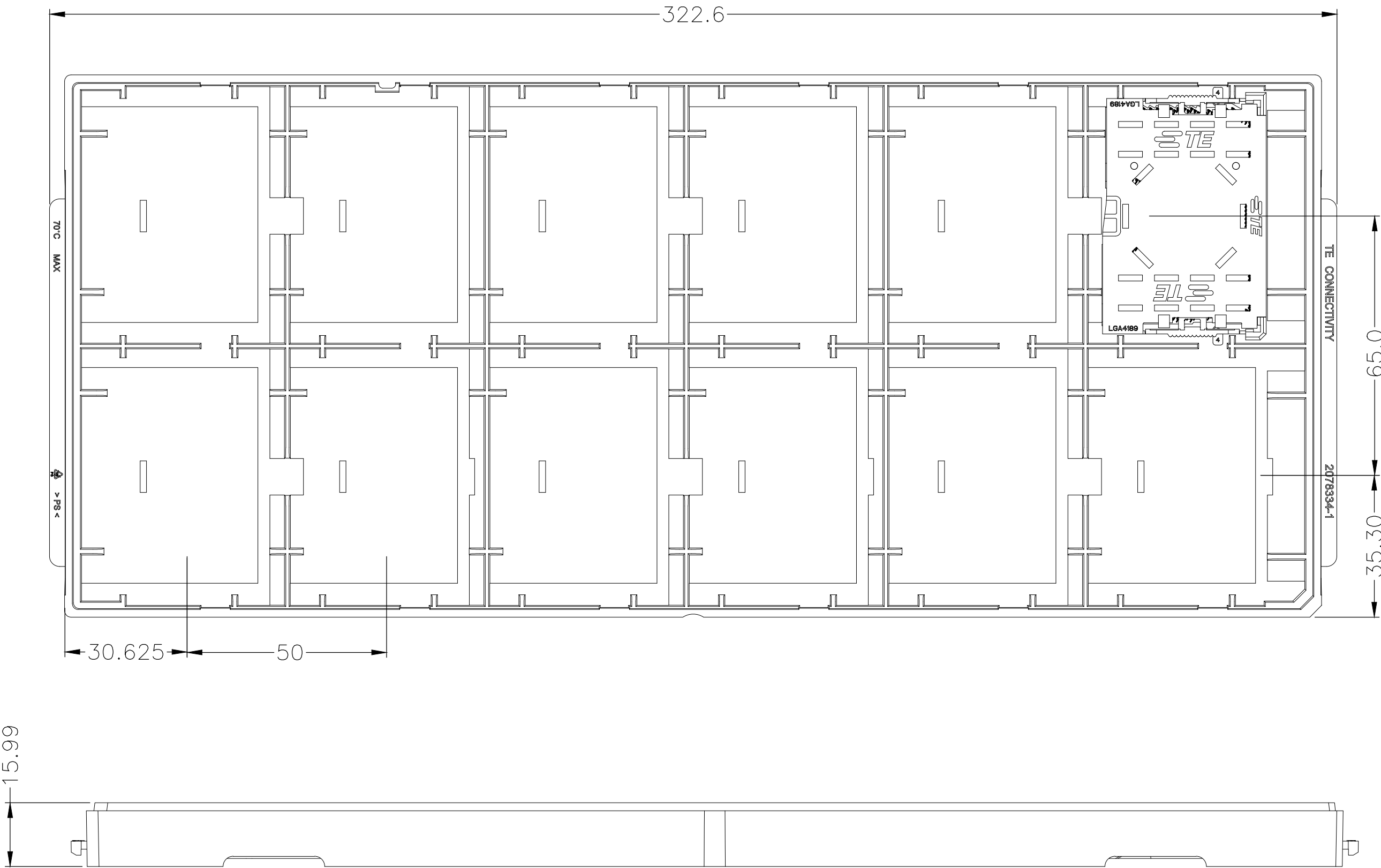
C

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2324271

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 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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