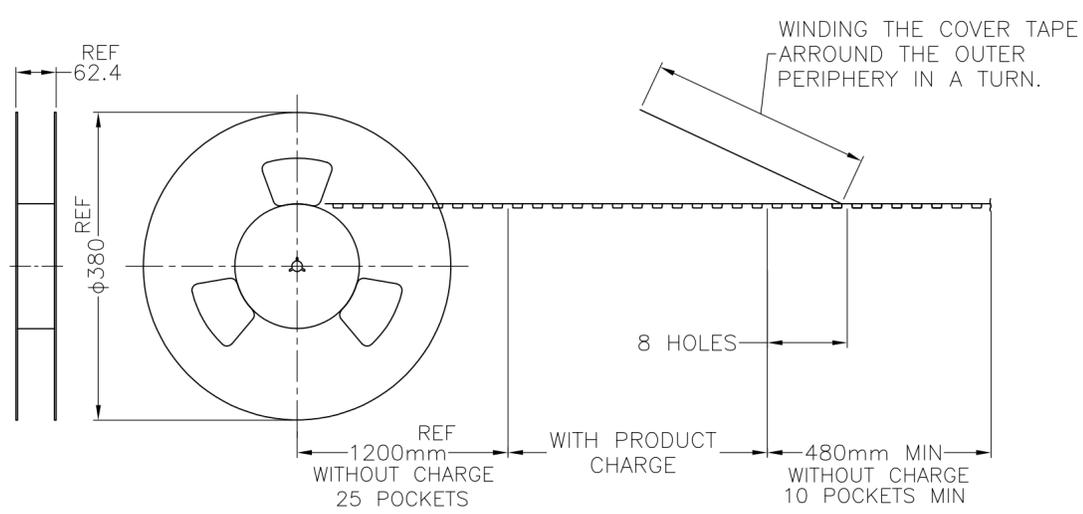
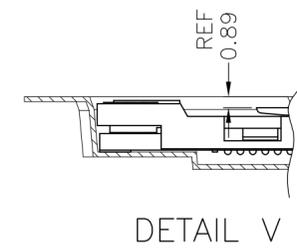
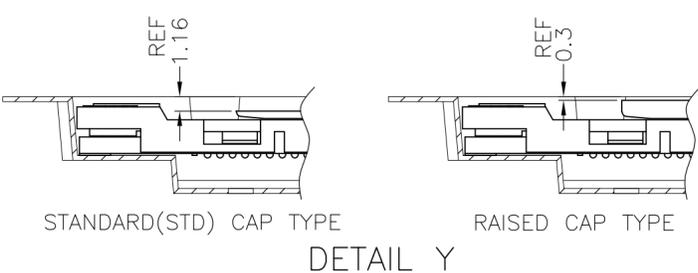
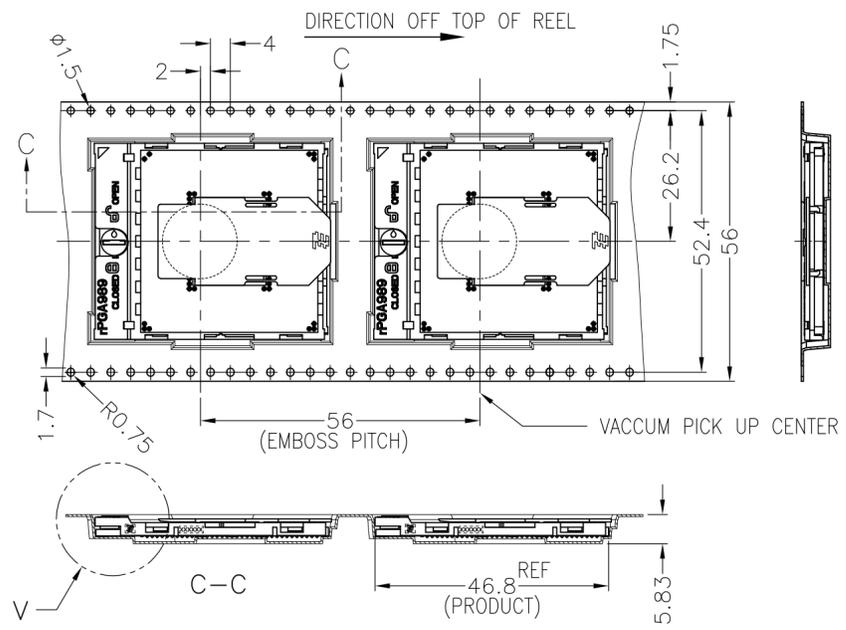
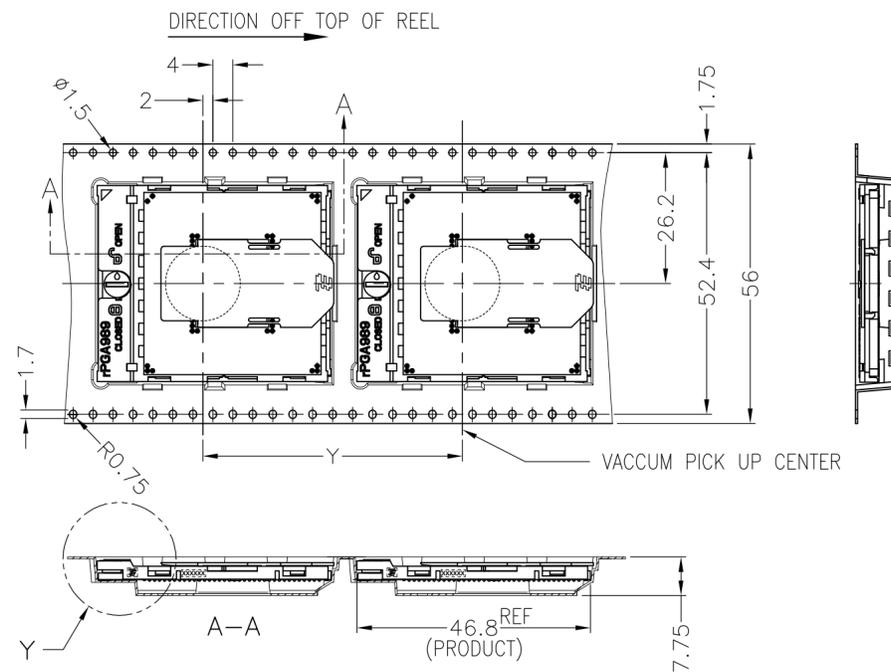


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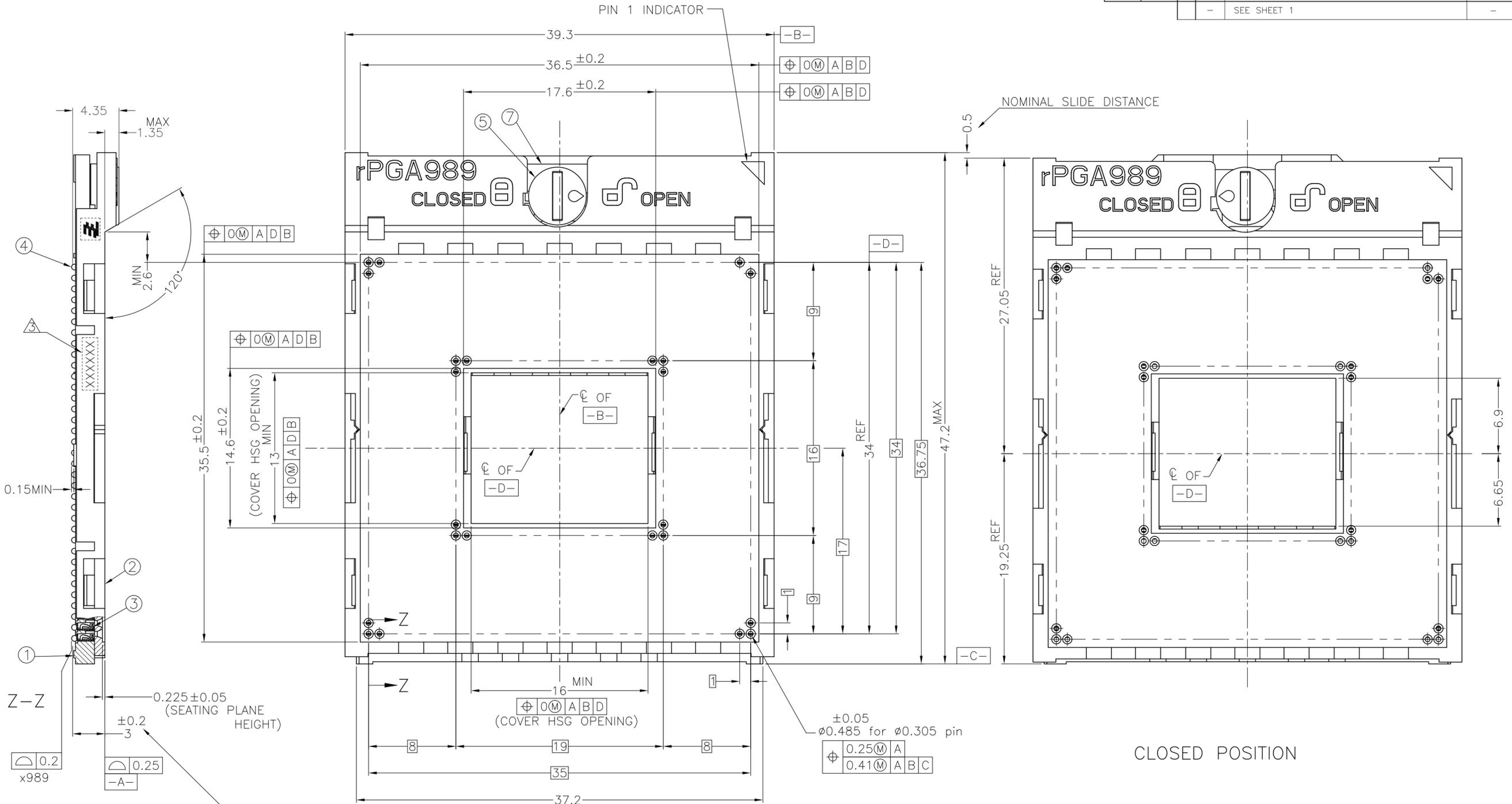
LOC		DIST		REVISIONS			DATE	DWN	APVD
P	LTR	DESCRIPTION							
-	-	SEE SHEET 1			-	-	-	-	-



THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	TE Connectivity	
DIMENSIONS: 単位: 種 mm		CHK	NAME 名称	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	SOCKET ASSY rPGA989 & rPGA988X	
0-PLC ±0.3		PRODUCT SPEC	SIZE	CAGE CODE
1-PLC		製品規格	A2	00779
2-PLC		APPLICATION SPEC	DRAWING NO	RESTRICTED TO
3-PLC		取付適用規格	番号	
4-PLC			C=2013620	
ANGLES ±1°		WEIGHT		
FINISH 仕上		CUSTOMER DRAWING		SCALE 尺度 NTS
		SHEET 2 of 7		REV E4

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



SOCKET HEIGHT AFTER REFLOW

1. MATERIAL

- ① BASE HOUSING : HIGH TEMP, THERMOPLASTIC, UL94V-0
 - ② COVER HOUSING : HIGH TEMP, THERMOPLASTIC, UL94V-0
 - ③ CONTACT : COPPER ALLOY
FINISH : 0.00038 MIN Au PL. AT CONTACT AREA ON ALL OVER Ni UNDER PL. 0.00127 MIN.
 - ④ SOLDER BALL : Sn/Ag/Cu
 - ⑤ CAM : STAINLESS STEEL
 - ⑥ BASE PLATE : STAINLESS STEEL
 - ⑦ SLIDE PLATE : STAINLESS STEEL
 - ⑧ WASHER : STAINLESS STEEL
FINISH : W/O PL. FOR 2013620-1
W/O PL. OR BLACK Ni PL. FOR OTHERS
 - ⑨ PnP CAP : HIGH TEMP, THERMOPLASTIC, UL94V-0, BLACK
- △ CAM OPERATION ANGLE : 180DEG
 △ INDICTED DATE CODE ON THE HSG

rPGA989 AS SHOWN
CAP IS REMOVED

4. LOW HALOGEN SPEC:

- CHLORINE (Cl): 900 ppm MAX.
- BROMINE (Br): 900 ppm MAX.
- CHLORINE (Cl) + BROMINE (Br): 1500 ppm MAX.

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TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	SOCKET ASSY		
①-PLC ± 0.3		PRODUCT SPEC	rPGA989 & rPGA988X		
②-PLC ± 0.3		APPLICATION SPEC	SIZE	CAGE CODE	DRAWING NO
③-PLC ± 0.3		取付適用規格	A2	00779	C=2013620
④-PLC ± 0.3		FINISH 仕上	WEIGHT	RESTRICTED TO	
MATERIAL 材料			SCALE 4:1 SHEET 3 of 7 REV E4		
			CUSTOMER DRAWING		

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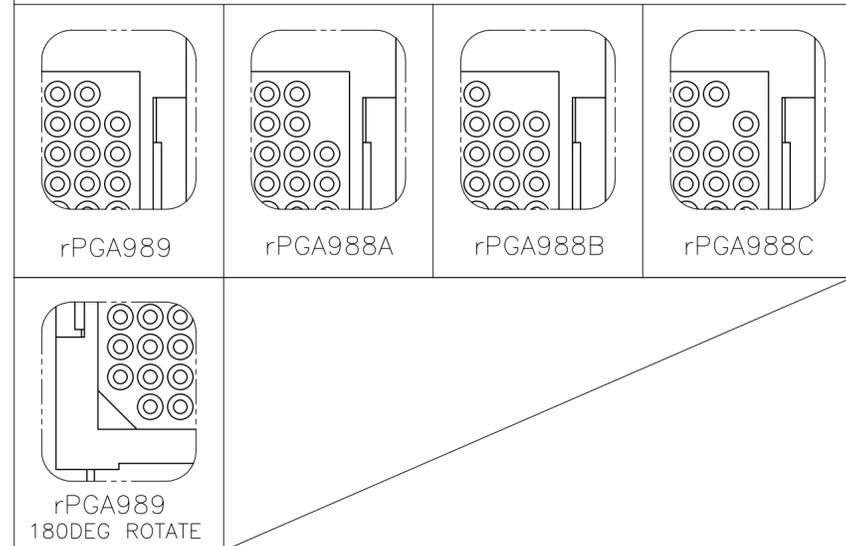
LOC		DIST		REVISIONS			
P	LTR	DATE	DWN	APVD	DESCRIPTION		
-	-	-	-	-	SEE SHEET 1		

PRODUCT TOP VIEW (WITHOUT CAP)

PRODUCT BOTTOM VIEW

PACKAGE ORIENTATION	rPGA989	rPGA988A	rPGA988B	rPGA988C	rPGA989/988A/988B/988C
STANDARD	 989 COVER HOLES 989 SOLDER BALLS	 988 COVER HOLES 989 SOLDER BALLS	 988 COVER HOLES 989 SOLDER BALLS	 988 COVER HOLES 989 SOLDER BALLS	 PIN 1 OMIT
180DEG ROTATE	 989 COVER HOLES 989 SOLDER BALLS				 PIN 1 OMIT

DETAIL Z
COVER HOLE CONFIGURATION



	7.7	56	120	TAPE & REEL	STD	rPGA989 180DEG ROTATE	5-2013620-3
	7.7	52	160	TAPE & REEL	STD	rPGA989 180DEG ROTATE	5-2013620-2
OBSOLETE	-7.8	56	120	TAPE & REEL	RAISED	rPGA988B	4-2013620-5
	-7.8	56	120	TAPE & REEL	RAISED	rPGA988A	4-2013620-4
	7.8	56	120	TAPE & REEL	RAISED	rPGA989	4-2013620-3
OBSOLETE	-7.7	52	160	TAPE & REEL	STD	rPGA988C	N/A
	7.7	56	120	TAPE & REEL	STD	rPGA988B	2-2013620-3
	-7.7	52	160	TAPE & REEL	STD	rPGA988B	2-2013620-2
OBSOLETE	-7.7	56	120	TAPE & REEL	STD	rPGA988A	1-2013620-3
	-7.7	52	160	TAPE & REEL	STD	rPGA988A	1-2013620-2
	7.7	56	180	TAPE & REEL	STD	rPGA989	2013620-4
	7.7	56	120	TAPE & REEL	STD	rPGA989	2013620-3
	7.7	52	160	TAPE & REEL	STD	rPGA989	2013620-2
	7.7	56	180	HARD TRAY	STD	rPGA989	2013620-1
PRODUCT WEIGHT (g/SOCKET)	DIMENSION Y	SOCKET QTY PER TRAY OR REEL	PACKAGE TYPE	CAP TYPE	SOCKET TYPE	PART NO.	

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TE Connectivity

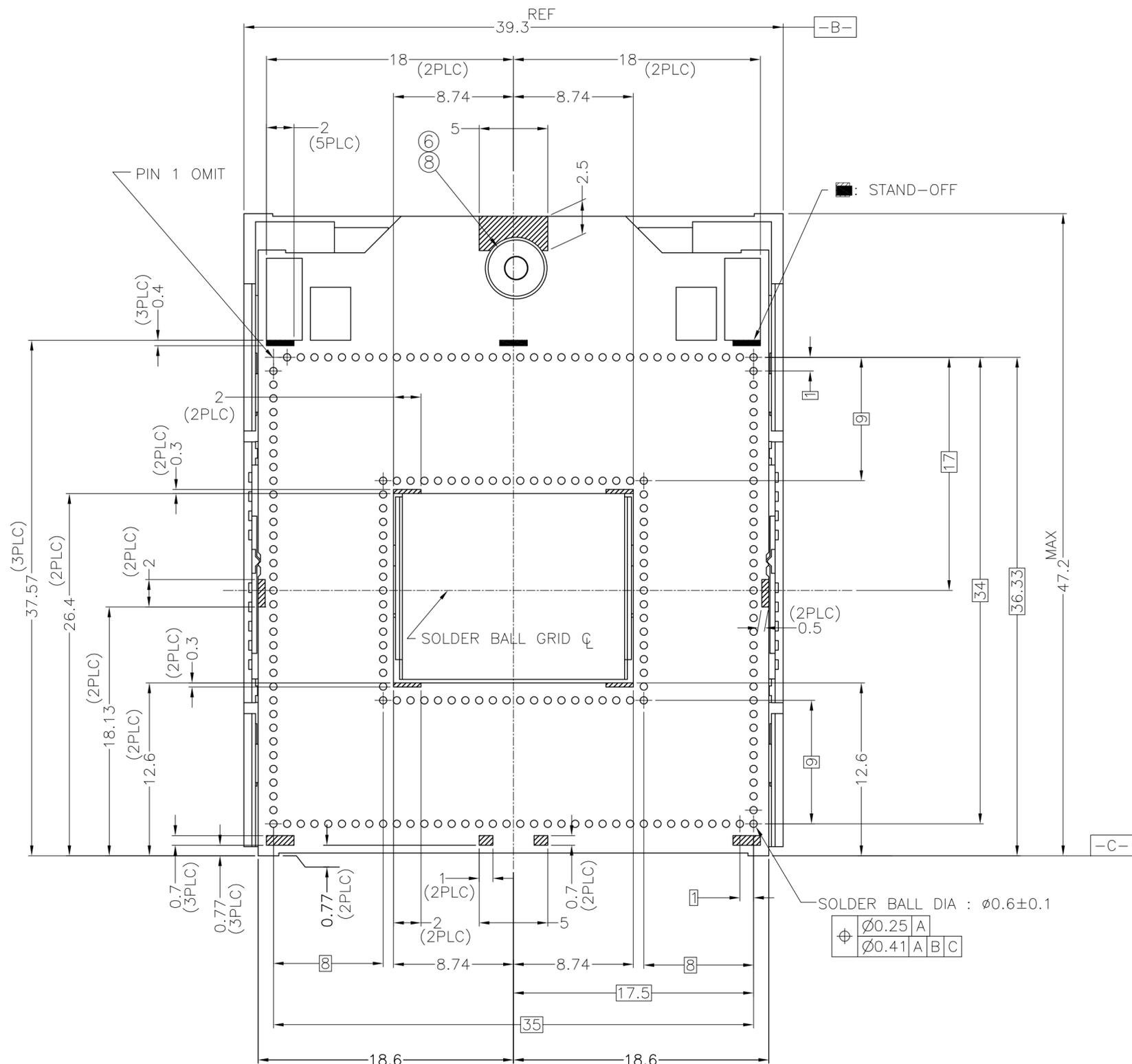
SOCKET ASSY
rPGA989 & rPGA988X

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 2013620

SCALE: 4:1 SHEET: 4 of 7 REV: E4

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



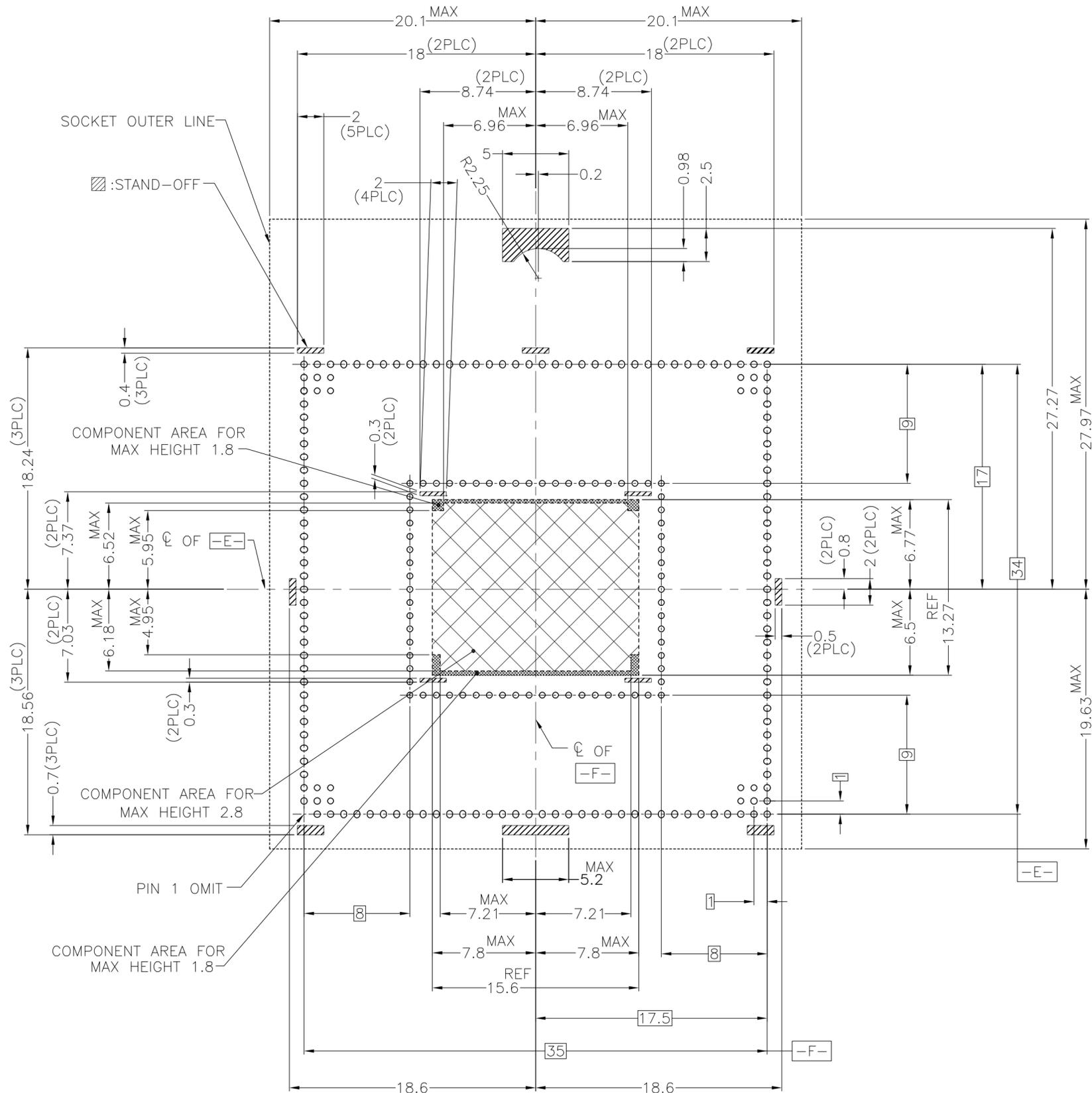
BOTTOM VIEW
(OPEN POSITION)

2013620-1 : AS SHOWN

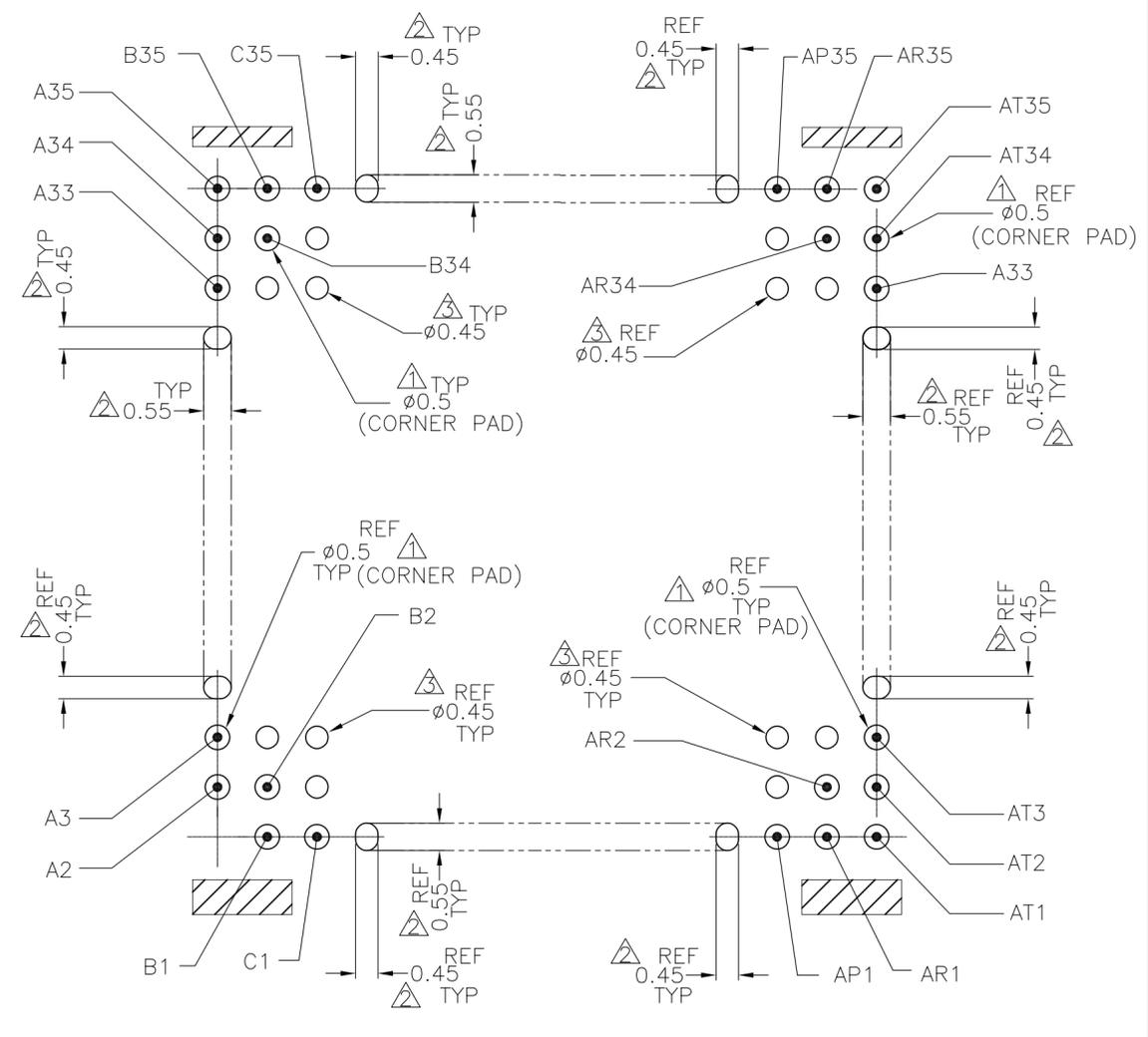
THIS DRAWING IS A CONTROLLED DOCUMENT.		DWN	01APR2008		TE Connectivity		
DIMENSIONS: 単位: 種 mm		CHK					
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD			NAME 名称		
ϕ -PLC ± 0.3 1-PLC ± 0.3 2-PLC ± 0.3 3-PLC ± 0.3 4-PLC ± 0.3 ANGLES \pm		PRODUCT SPEC 製品規格		SOCKET ASSY rPGA989 & rPGA988X			
MATERIAL 材料		FINISH 仕上		SIZE	CAGE CODE	DRAWING NO 番号	RESTRICTED TO
				A2	00779	C=2013620	-
CUSTOMER DRAWING				SCALE 尺度	4:1	SHEET 5 of 7	REV E4

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



PCB LAYOUT
 5-2013620-X AS SHOWN
 (180DEG ROTATE TYPE)



DETAIL FOR CORNER PAD

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DIMENSIONS: 単位: 種 mm		CHK	-	
TOLERANCES UNLESS OTHERWISE SPECIFIED: 一般公差		APVD	-	
0-PLC	±0.3	PRODUCT SPEC	製品規格	
1-PLC	±0.3	APPLICATION SPEC	取付適用規格	
2-PLC	±0.3	WEIGHT	-	
3-PLC	±0.3	SCALE	4:1	
4-PLC	±0.3	SHEET	7 of 7	
ANGLES	±	FINISH	仕上	
MATERIAL	-	RESTRICTED TO	-	



SOCKET ASSY
 rPGA989 & rPGA988X

SIZE: A2 CAGE CODE: 00779 DRAWING NO: 2013620

CUSTOMER DRAWING SCALE: 4:1 SHEET: 7 of 7 REV: E4

Mouser Electronics

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[4-2013620-3](#)