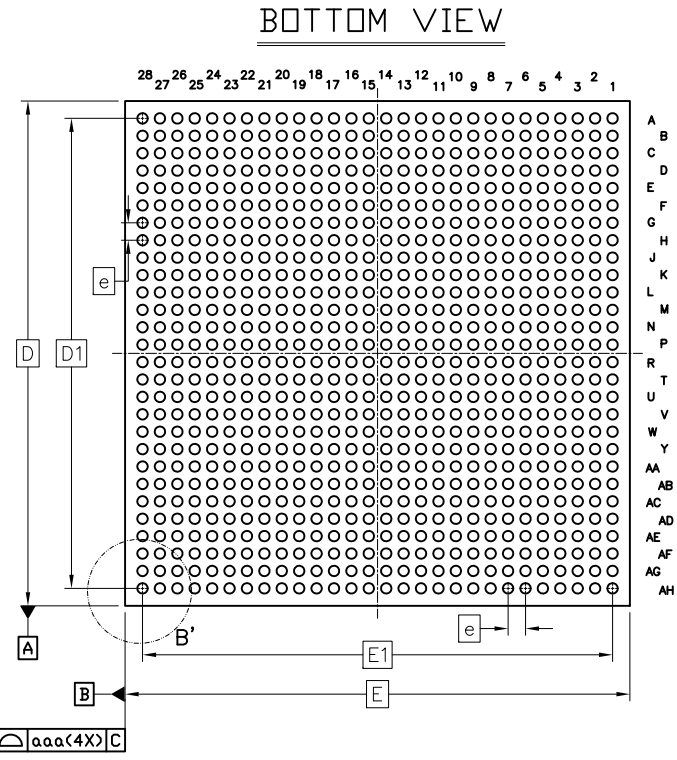
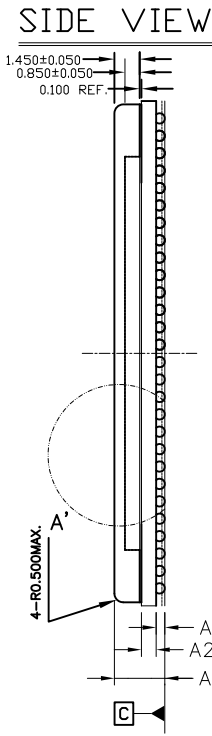
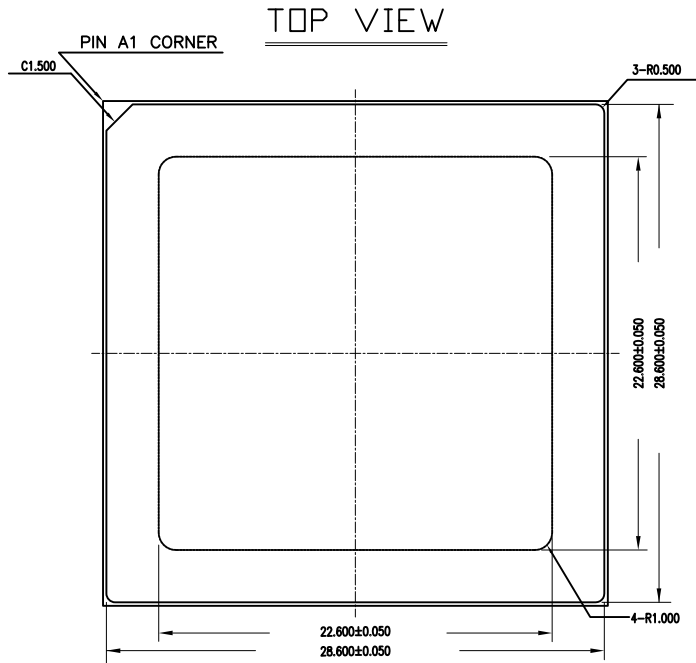
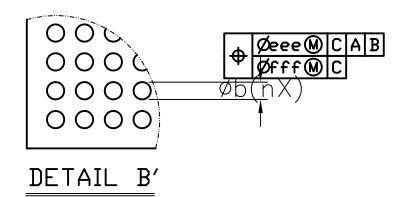
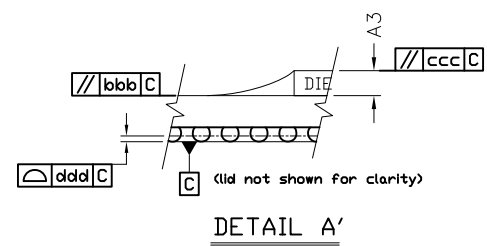



# FLAT LID

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	11/18/15	CK LEE

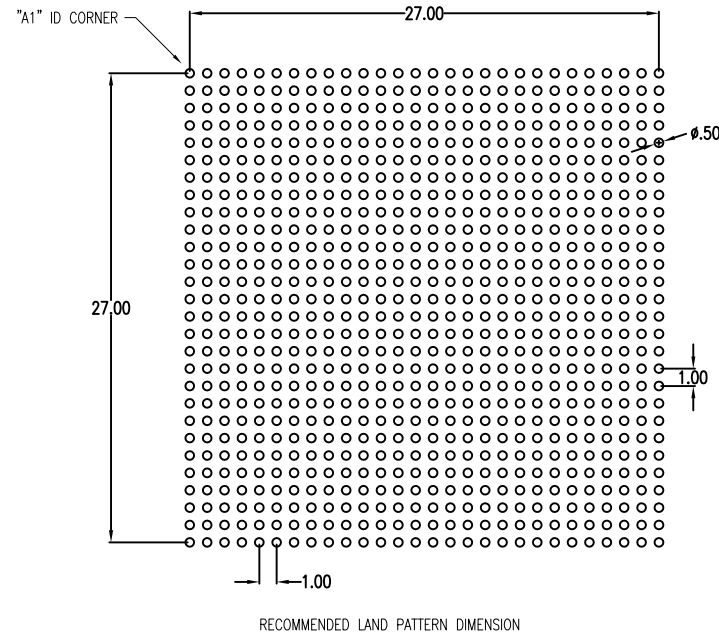


	SYMBOL	COMMON DIMENSIONS		
		MIN.	NOM.	MAX.
TOTAL THICKNESS	A	2.552	2.802	3.052
STAND OFF	A1	0.400	-	0.600
THICKNESS FROM SUBSTRATE SURFACE TO DIE BACKSIDE	A3	-	-	REF
BODY SIZE	E	29.000	-	BSC
	D	29.000	-	BSC
BALL DIAMETER		0.600	-	
BALL WIDTH	b	0.500	-	0.700
BALL PITCH	e	1.000	-	BSC
BALL COUNT	n	784	-	
EDGE BALL CENTER TO CENTER	E1	27.000	-	BSC
	D1	27.000	-	BSC
EXPOSE DIE SIZE	E2	-	-	BSC
	D2	-	-	BSC
PACKAGE EDGE TOLERANCE	aaa	0.200	-	
SUBSTRATE PARALLELISM	bbb	0.250	-	
TOP PARALLELISM	ccc	0.350	-	
COPLANARITY	ddd	0.150	-	
BALL OFFSET(PACKAGE)	eee	0.250	-	
BALL OFFSET (BALL)	fff	0.100	-	



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DECIMAL	ANGULAR					
XX± 0.05	±	www.IDT.com TITLE ALG 784 PACKAGE OUTLINE FCBGA 29.0 x 29.0mm BODY 1.00 mm BALLPITCH FCBGA				
XXX±						
XXXX±		APPROVALS	DATE	SIZE	DRAWING No.	REV
		CK	11/18/15	C	PSC-4627	00
CHECKED						
DO NOT SCALE DRAWING						SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	11/18/15	CK LEE



**NOTE:**

- 1) ALL dimensions are in mm, Angles in degrees.
- 2) Top down view, as view on PCB.
- 3) NSMD Land Pattern Assumed
- 4) Land Pattern Recommendation as per IPC-7351B generic requirement for surface mount design and Land Pattern.

TOLERANCES UNLESS SPECIFIED		<b>IDT™</b> www.IDT.com	6024 Silver Creek Valley Rd San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572	
DECIMAL	ANGULAR			
XX± 0.05	±			
XXX±				
XXXX±				
APPROVALS	DATE	TITLE ALG 784 PACKAGE OUTLINE		
DRAWN <i>CK</i>	11/18/15	FCBGA 29.0 x 29.0mm BODY		
CHECKED		1.00 mm BALLPITCH FCBGA		
		SIZE	DRAWING No.	REV
		C	PSC-4627	00
DO NOT SCALE DRAWING				SHEET 2 OF 2