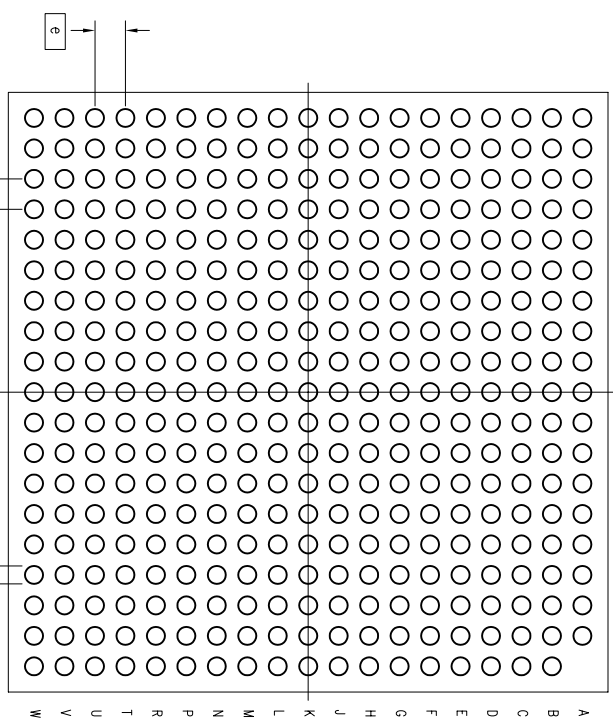
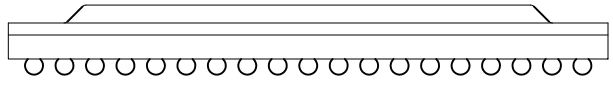
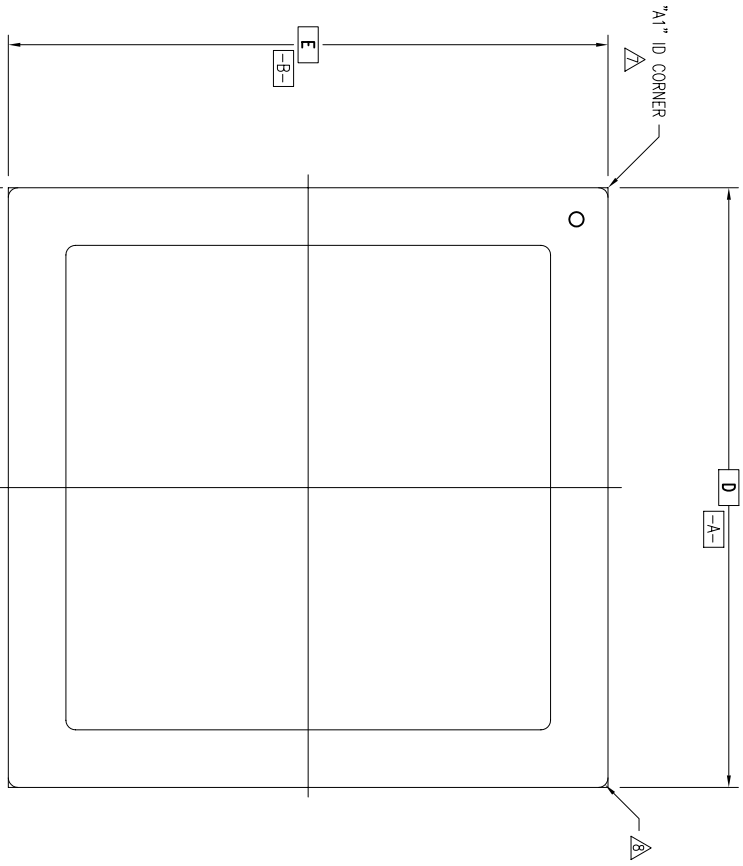


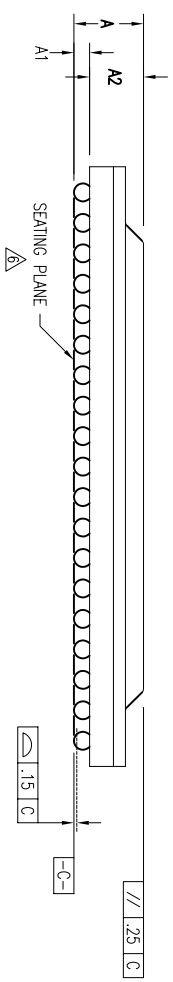
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	05/30/07	TV
01	COMBINE POD & LAND PATTERN	05/29/13	KS



4X .20 | C | A | B

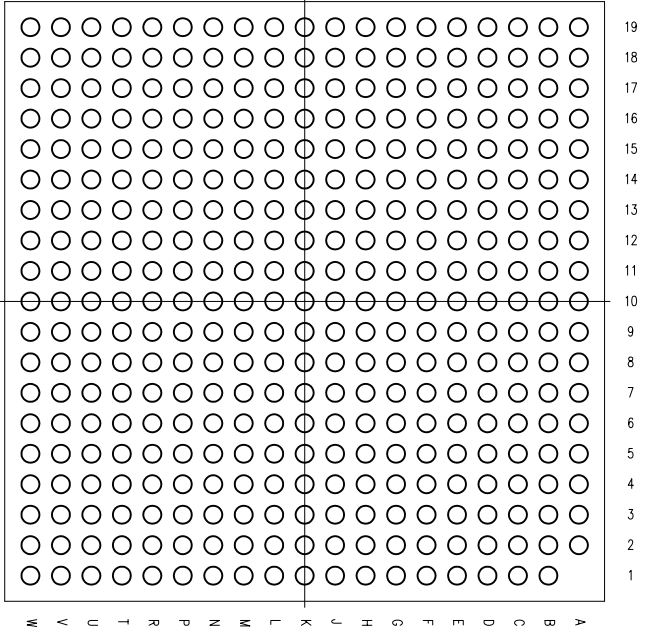
TOP VIEW

BOTTOM VIEW
(BALL SIDE VIEW)



TOLERANCES UNLESS SPECIFIED		 6024 Silver Creek Valley Road San Jose, CA 95138 PHONE: (408) 284-8200 WWW.IDT.COM FAX: (408) 284-8591
DECIMAL	ANGULAR	
±	±	
XXXX±	XXXX±	
APPROVALS	DATE	TITLE
DRAWN 97J	05/30/07	BN/RN 360 PACKAGE OUTLINE
CHECKED		25.0 X 25.0 mm BODY
		1.27 mm BALLPITCH FCBCA
SIZE C	DRAWING NO. PSC-4217	REV 01
DO NOT SCALE DRAWING		SHEET 1 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	05/30/07	TV
01	COMBINE POD & LAND PATTERN	05/29/13	KS



BOTTOM VIEW
(BALL SIDE VIEW)

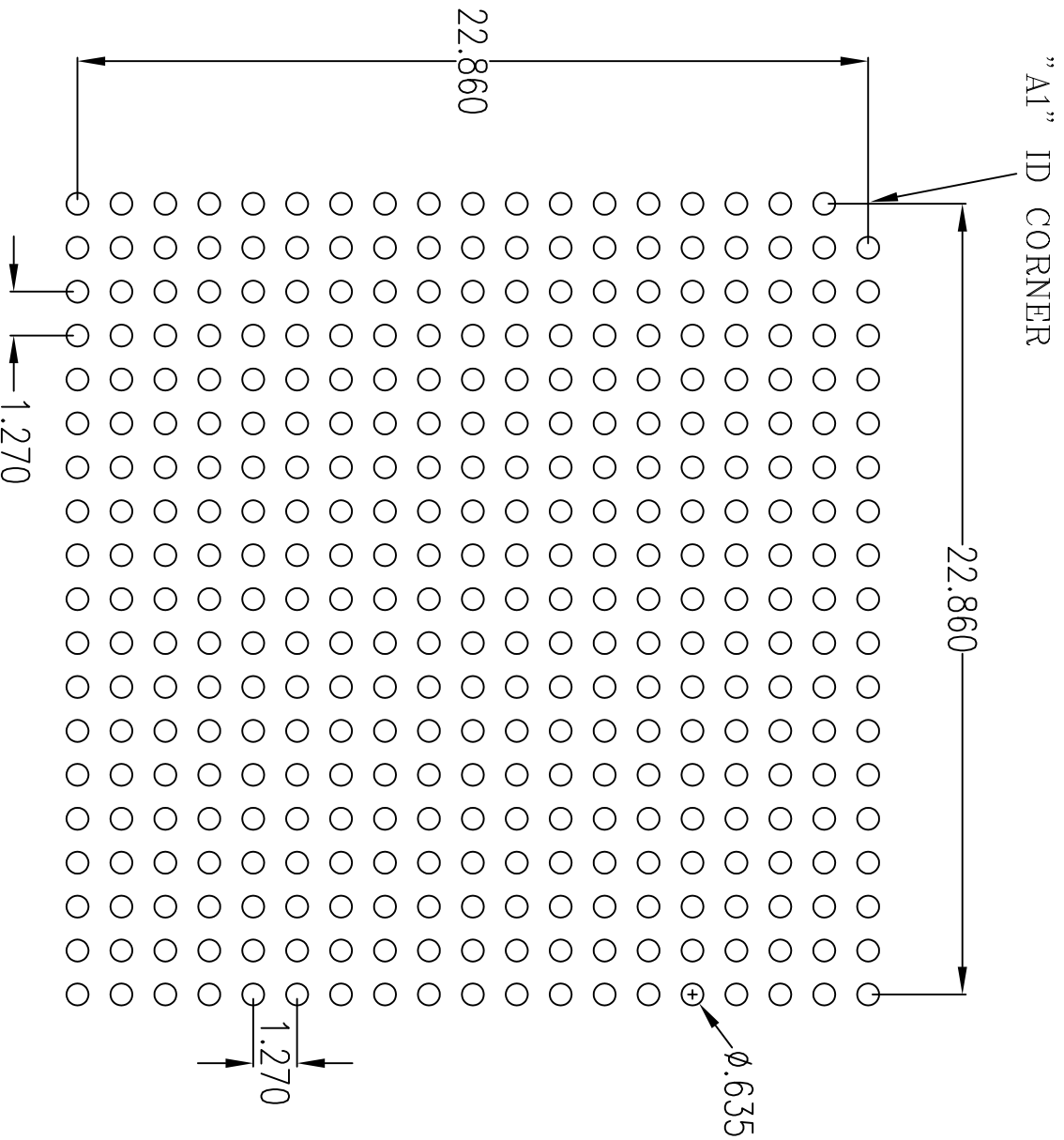
SYMBOL	JEDEC VARIATION			NOTES
	MIN	NOM	MAX	
A	—	—	3.42	
A1	.30	—	—	
A2	2.16	—	2.82	
D	25.00 BSC			
E	25.00 BSC			
M	19			3
N	360			4
e	1.27 BSC			
b	.60	.75	.90	5
CENTER BALL MATRIX	N/A			

NOTES:


- 1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982
- 2 "e" REPRESENTS THE BASIC SOLDER BALL GRID PITCH
- 3 "M" REPRESENTS THE MAXIMUM SOLDER BALL MATRIX SIZE
- 4 "N" REPRESENTS THE BALLCOUNT NUMBER
- 5 DIMENSION "b" IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM [-C-]
- 6 SEATING PLANE AND PRIMARY DATUM [-C-] ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS
- 7 "A1" ID CORNER MUST BE IDENTIFIED BY CHAMFER, INK MARK, METALLIZED MARKING, INDENTATION OR OTHER FEATURE ON PACKAGE BODY
- 8 EXACT SHAPE OF EACH CORNER IS OPTIONAL
- 9 ALL DIMENSIONS ARE IN MILLIMETERS

TOLERANCES UNLESS SPECIFIED		6024 Silver Creek Valley Road San Jose, CA 95138	
DECIMAL	ANGULAR	PHONE: (408) 284-8200	
±	±	FAX: (408) 284-8591	
APPROVALS	DATE	TITLE	
XXXXX	05/30/07	BN/RN 360 PACKAGE OUTLINE	
DRAWN 979		25.0 X 25.0 mm BODY	
CHECKED		1.27 mm BALLPITCH FCBGA	
SIZE	DRAWING No.	REV	
C	PSC-4217	01	
DO NOT SCALE DRAWING		SHEET 2 OF 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	05/30/07	TV
01	COMBINE POD & LAND PATTERN	05/29/13	KS



RECOMMENDED LAND PATTERN DIMENSION

TOLERANCES UNLESS SPECIFIED		 IDT 6024 Silver Creek Valley Road San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-8591 www.idt.com
DECIMAL	ANGULAR	
±	±	
APPROVALS	DATE	TITLE
XXXX±		BN/RN 360 PACKAGE OUTLINE
XXXX±		25.0 X 25.0 mm BODY
XXXX±		1.27 mm BALLPITCH FCBGA
DRAWN	DATE	SIZE
02/08/14/12		C
CHECKED		DRAWING NO.
		PSC-4217
		REV
		01
DO NOT SCALE DRAWING		SHEET 3 OF 3