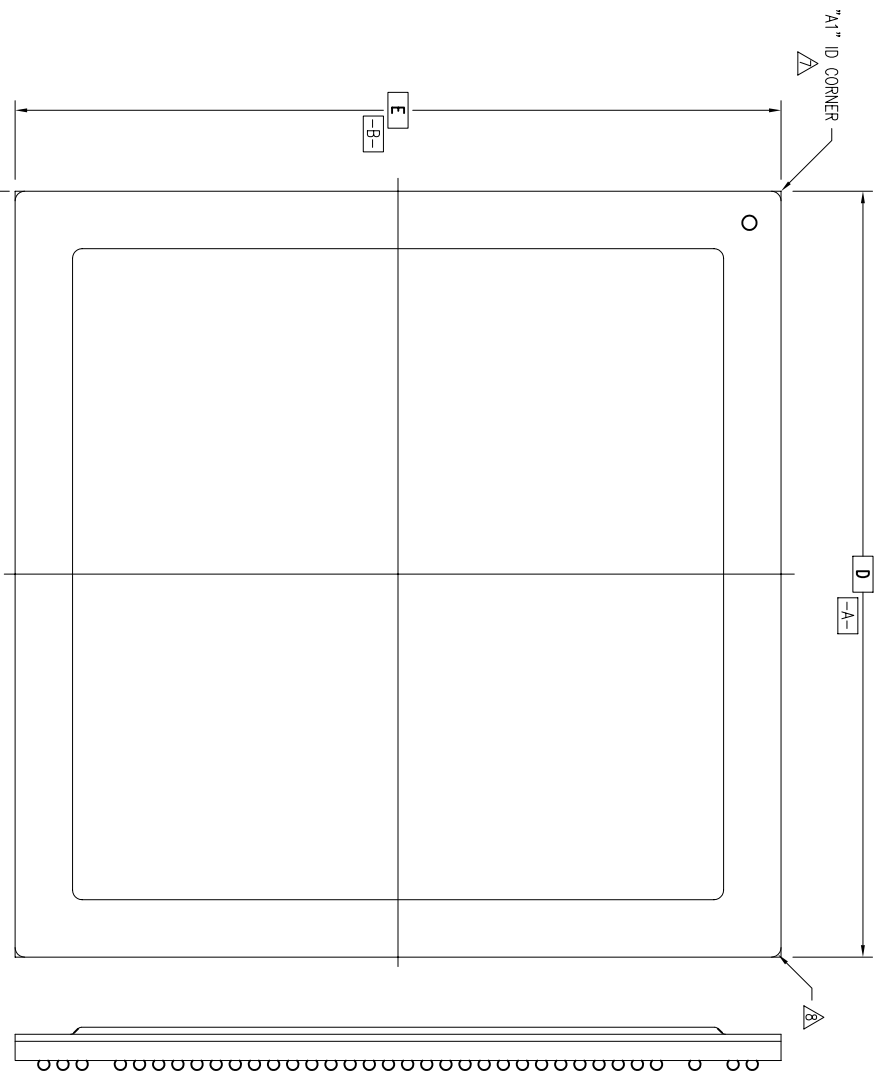
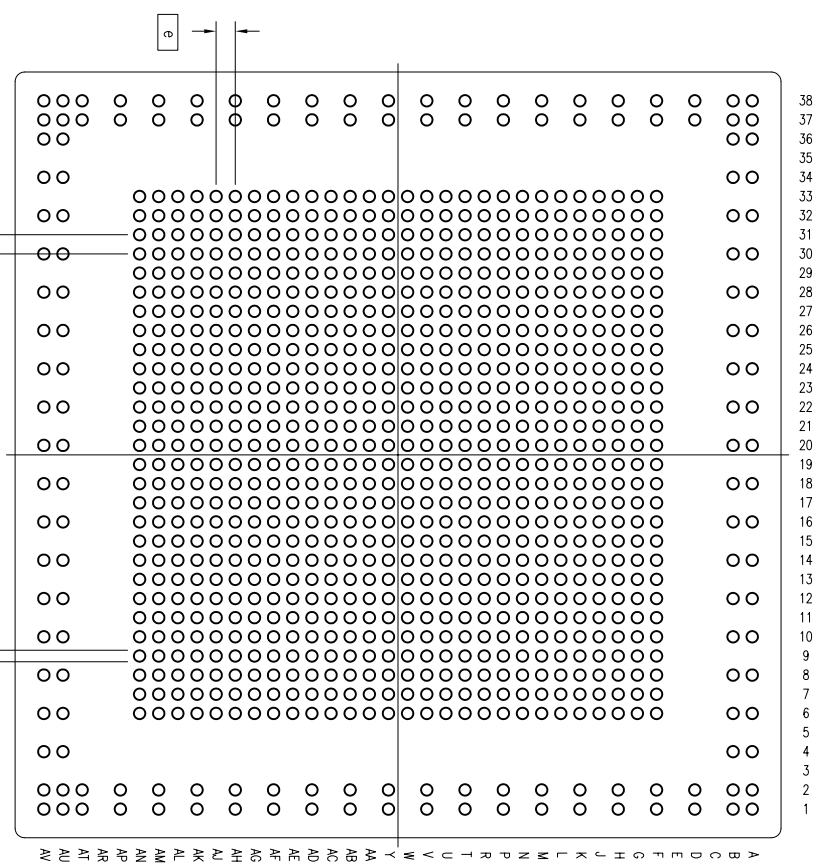
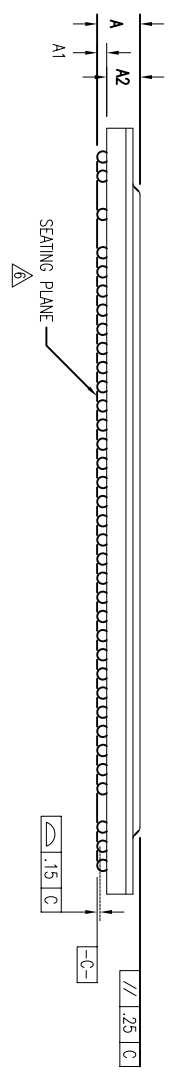


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/30/07	TV
01	COMBINE POD & LAND PATTERN	06/05/13	KS



TOP VIEW



BOTTOM VIEW
(BALL SIDE VIEW)

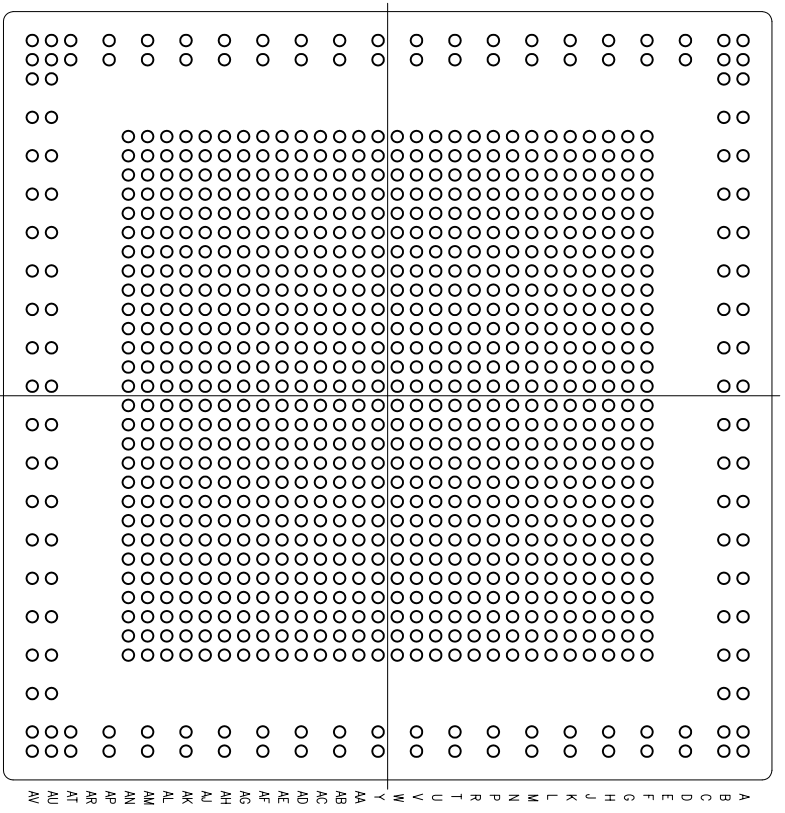
TOLERANCES UNLESS SPECIFIED	
DECIMAL	±
ANGULAR	±
XX.X	
XXXX	
XXXXX	
APPROVALS	DATE
DRAWN 379	07/30/07
CHECKED	
SIZE C	DRAWING No. PSC-4218
DO NOT SCALE DRAWING	SHEET 1 OF 3

6924 SILVER CREEK VALLEY ROAD
SAN JOSE CA, 95139
PHONE: (408) 284-9200
WWW.IDT.COM FAX: (408) 284-8591

TITLE: BM/MR 936 PACKAGE OUTLINE
40.0 X 40.0 mm BODY
1.00 mm BALLPITCH FCBGA

REV	01
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BOTTOM VIEW
(BALL SIDE VIEW)

S M B O L	JEDEC VARIATION			N O T E
	MIN	NOM	MAX	
A	—	—	3.42	
A1	.30	—	—	
A2	2.16	—	2.82	
D	40.00 BSC			
E	40.00 BSC			
M	38			3
N	936			4
e	1.00 BSC			
b	.50	.60	.70	5
CENTER BALL MATRIX	N/A			

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	07/30/07	TV
01	COMBINE POD & LAND PATTERN	06/05/13	KS

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		DATE	
DECIMAL	ANGULAR	07/30/07	
XXX±			
XXXX±			
XXXX±			
APPROVALS		DATE	
DRAWN	973	07/30/07	
CHECKED			
TITLE		DRAWING No.	
BW/MR 936 PACKAGE OUTLINE		PSC-4218	
40.0 X 40.0 mm BODY		REV 01	
1.00 mm BALLPITCH FCBCA			
DO NOT SCALE DRAWING		SHEET 2 OF 3	

