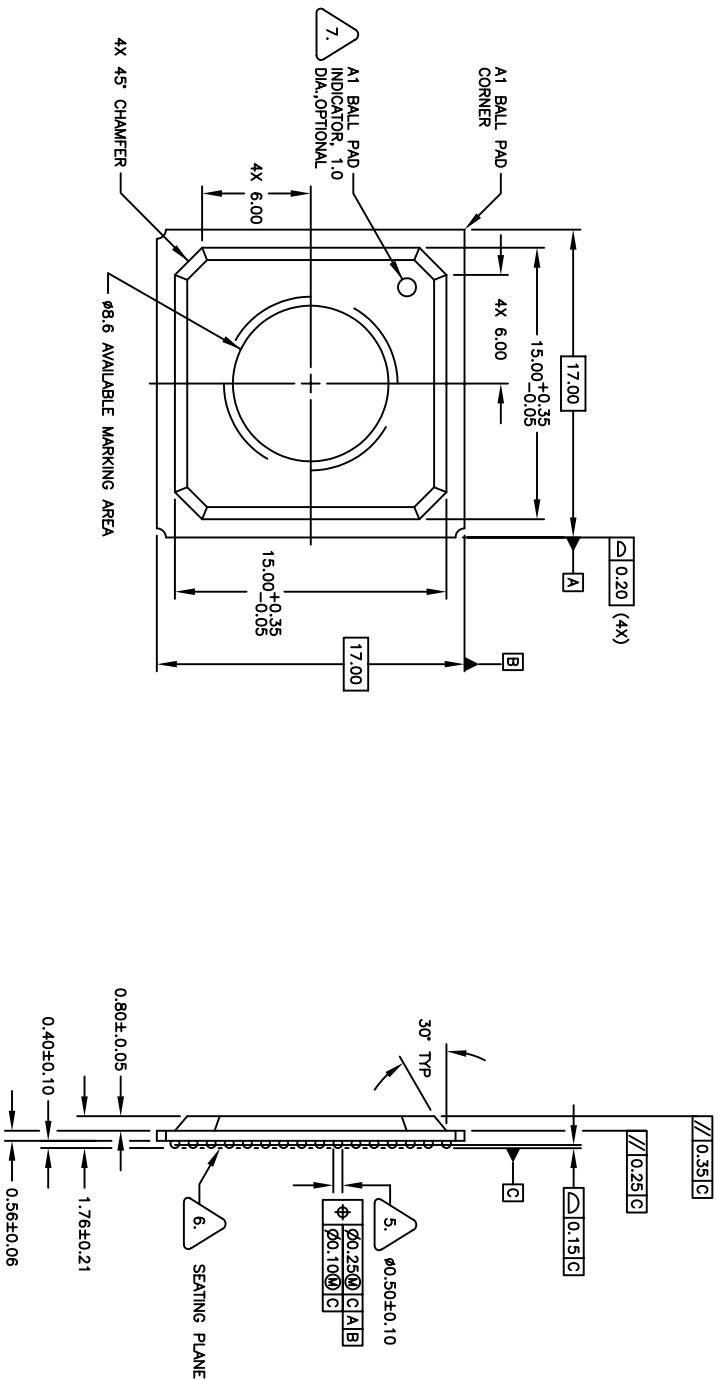


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	11/17/04	PKP
01	COMBINE POD & LAND PATTERN	06/13/13	KS

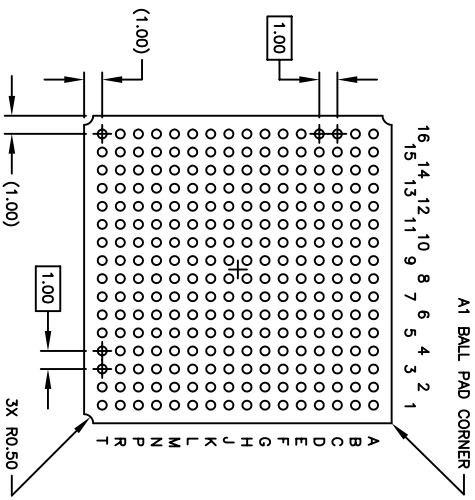


TOP VIEW

SIDE VIEW


TOLERANCES UNLESS SPECIFIED		6024 SILVERCREEK VALLEY ROAD SAN JOSE CA, 95138 PHONE: (408) 284-8245 FAX: (408) 284-8591	
DECIMAL	ANGULAR	www.IDT.com	
XX ± .05	E ± 1°	IDT	
XXX ± .030		TITLE BH 256 PACKAGE OUTLINE	
APPROVALS	DATE	17.0 x 17.0 mm BODY	
DRAWN	11/16/04	1.00 mm PITCH TEPBGA	
CHECKED		SIZE C	
		DRAWING No. PSC-4146	
		REV 01	
DO NOT SCALE DRAWING			SHEET 1 OF 3

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	11/17/04	PKP
01	COMBINE POD & LAND PATTERN	06/13/13	KS

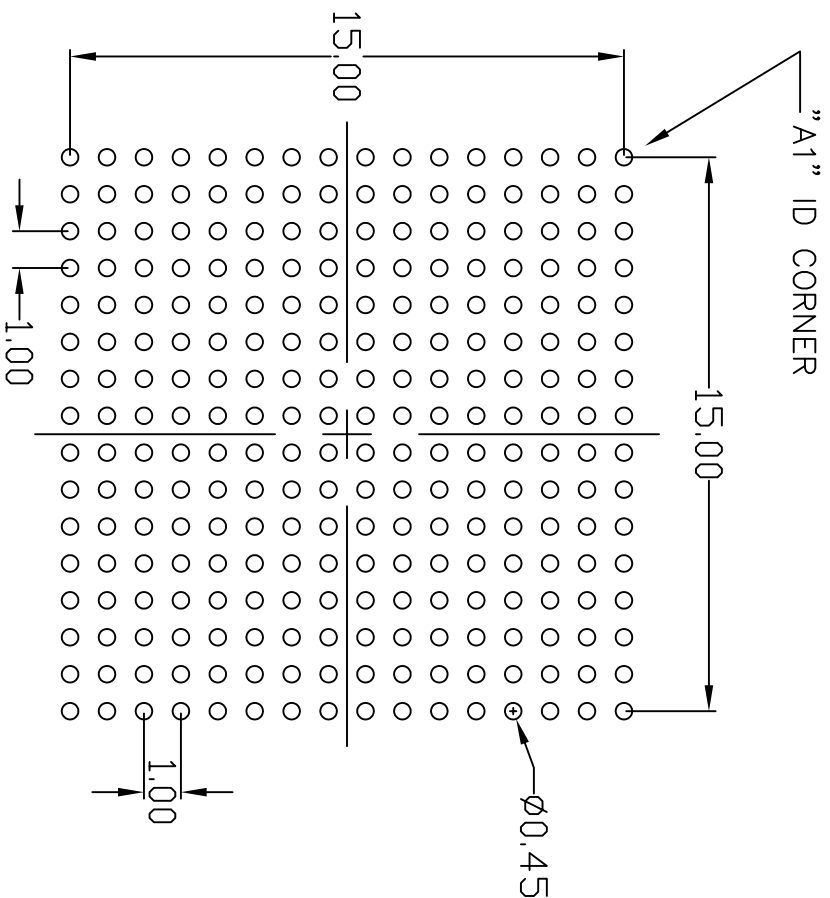


BOTTOM VIEW
256 SOLDER BALLS

- NOTES: UNLESS OTHERWISE SPECIFIED
1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M--1994.
 2. THE BASIC SOLDER BALL GRID PITCH IS 1.00mm.
 3. THE MAXIMUM SOLDER BALL MATRIX SIZE IS 16 X 16.
 4. THE MAXIMUM ALLOWABLE NUMBER OF SOLDER BALLS IS 256.
 5. DIMENSION IS MEASURED AT THE MAXIMUM SOLDER BALL DIAMETER, PARALLEL TO PRIMARY DATUM C.
 6. PRIMARY DATUM C AND SEATING PLANE ARE DEFINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
 7. A1 BALL PAD CORNER I.D. FOR PLATE MOLD: TO BE MARKED BY INK. AUTO MOLD: DIMPLE TO BE FORMED BY MOLD CAP.
 8. THIS DRAWING CONFORMS TO THE JEDEC REGISTERED OUTLINE MS-034/A, VARIATION AAF--1 EXCEPT FOR b DIMENSION.
JEDEC(AMKOR) DIM $\begin{matrix} \text{MIN} & \text{NOM} & \text{MAX} \\ 0.50(0.40) & 0.60(0.50) & 0.70(0.60) \end{matrix}$

TOLERANCES UNLESS SPECIFIED		6024 SILVERCREEK VALLEY ROAD SAN JOSE CA, 95138 PHONE: (408) 284-8245 FAX: (408) 284-8591	
DECIMAL	ANGULAR	 IDT WWW.IDT.COM	
XX± .05	E±		
XXX± .030			
APPROVALS	DATE		
DRAWN ϕ % ϕ	11/16/04	TITLE	BH 256 PACKAGE OUTLINE
CHECKED		17.0 x 17.0 mm BODY	
		1.00 mm PITCH TEPBGA	
SIZE	DRAWING No.	PSC-4146	REV 01
DO NOT SCALE DRAWING		SHEET 2 OF 3	

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	11/17/04	PKP
01	COMBINE POD & LAND PATTERN	06/13/13	KS



RECOMMENDED LAND PATTERN DIMENSION

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		ANGULAR	
DECIMAL		ANGULAR	±1°
XX: .05			
XXX: .030			
APPROVALS	DATE	TITLE	
DRAWN <i>pkp</i>	11/16/04	BH 256 PACKAGE OUTLINE	
CHECKED		17.0 x 17.0 mm BODY	
		1.00 mm PITCH TERPGA	
		SIZE	REV
		C	01
DO NOT SCALE DRAWING		DRAWING No. PSC-4146	
		SHEET 3 OF 3	



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