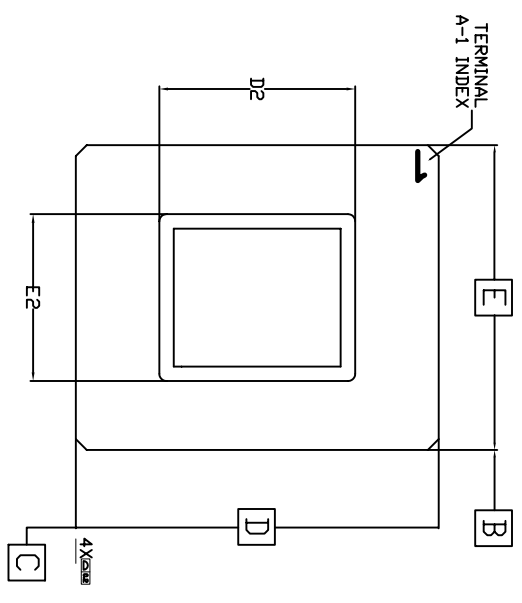
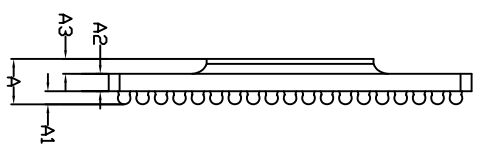


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/16/13	RC
01	COMBINE POD & LAND PATTERN	4/10/13	RC

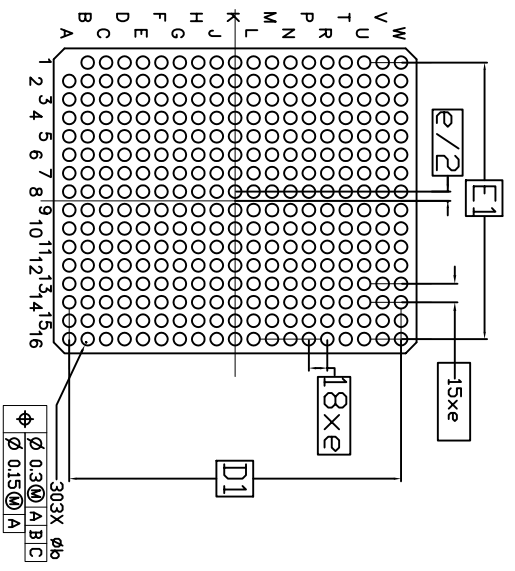
TOP VIEW



SIDE VIEW



BOTTOM VIEW



NOTES:

1. ALL DIMENSIONS ARE IN MILLIMETERS.
2. INTERPRET DIMENSIONS AND TOLERANCES PER ASME Y14.5M-1994.
3. DIMENSION b IS THE MAXIMUM SOLDER BALL DIAMETER MEASURED PARALLEL TO DATUM A.
4. DATUM A, THE SEATING PLANE, IS DETERMINED BY THE SPHERICAL CROWNS OF THE SOLDER BALLS.
5. THE AREA ENCLOSED BY D2 AND E2 MAY CONTAIN CHIPS, CHIP CAPACITORS, AND/OR UNDERFILL, BUT THE HEIGHT OF THESE ITEMS WILL NOT EXCEED THE MAXIMUM OF DIMENSION A.

SYMBOL	MIN	NOM	MAX
A	2.72	-	3.2
A1	0.8	-	1
A2	1.1	-	1.3
A3	0.82	-	0.9
b	0.82	-	0.93
D	25 BSC		
D1	22.86 BSC		
D2	5	-	16
e	1.27 BSC		
E	21 BSC		
E1	19.05 BSC		
E2	5	-	16

TOLERANCES UNLESS SPECIFIED

DECIMAL ANGULAR ±

XXX#

XXXX#

APPROVALS DATE TITLE

DRAWN: *rac* 01/15/13 HC303 PACKAGE OUTLINE

CHECKED: 21.0 x 25 mm BODY

1.27 mm PITCH FCBGGA

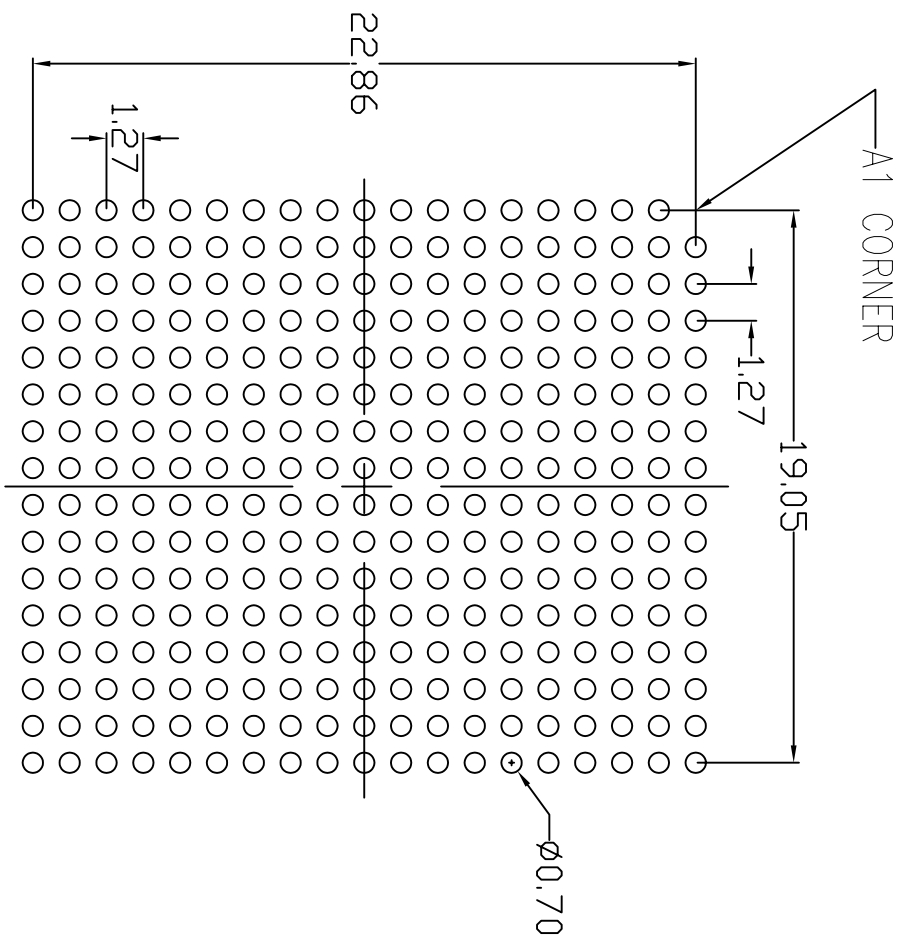
SIZE: C DRAWING No. PSC-4279

DO NOT SCALE DRAWING SHEET 1 OF 2

www.IDT.com 6024 Silver Creek Valley Road San Jose, CA 95138

PHONE: (408) 284-8200 FAX: (408) 284-8591


REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	1/16/13	RC
01	COMBINE POD & LAND PATTERN	4/10/13	RC



RECOMMENDED LAND PATTERN

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> 6024 Silver Creek Valley Road San Jose, CA 95138 Phone: (408) 284-8200 Fax: (408) 284-8591 <a href="http://www.IDT.com">www.IDT.com</a>
DECIMAL	ANGULAR	
XXX±	±	
XXXX±		
APPROVALS	DATE	TITLE
DRAWN	08/01/15/13	HC303 PACKAGE OUTLINE
CHECKED		21.0 x 25 mm BODY
		1.27 mm PITCH FCBGA
SIZE	DRAWING No.	REV
C	PSC-4279	01
DO NOT SCALE DRAWING		SHEET 2 OF 2