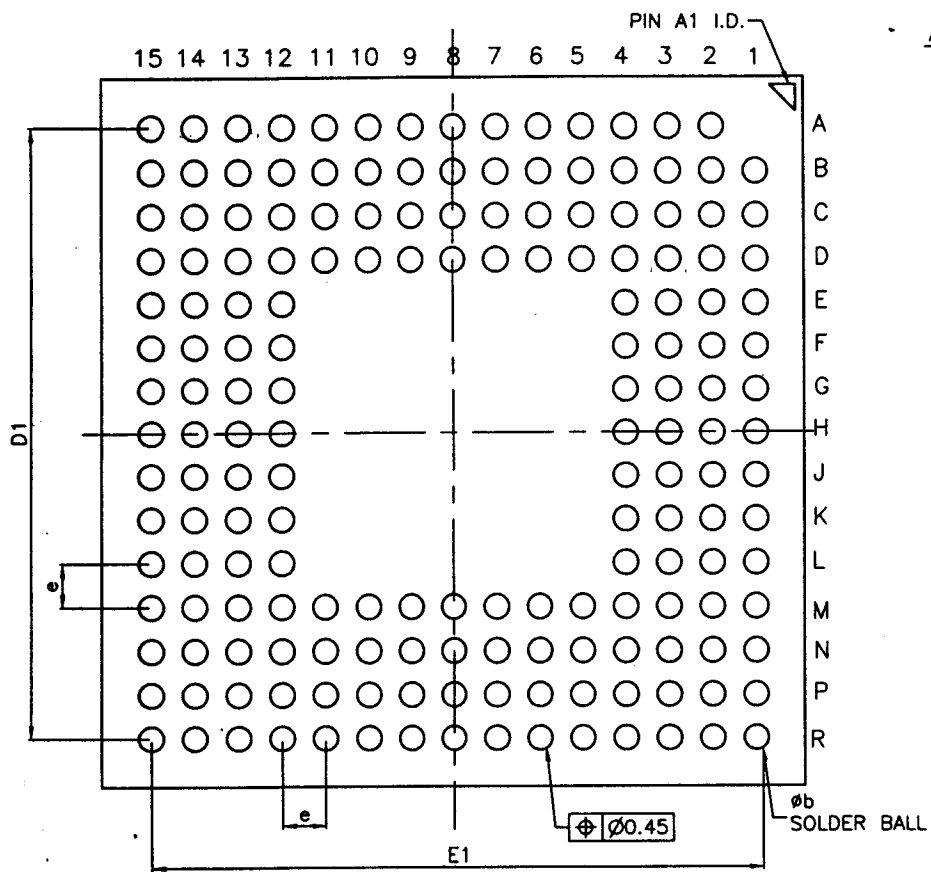
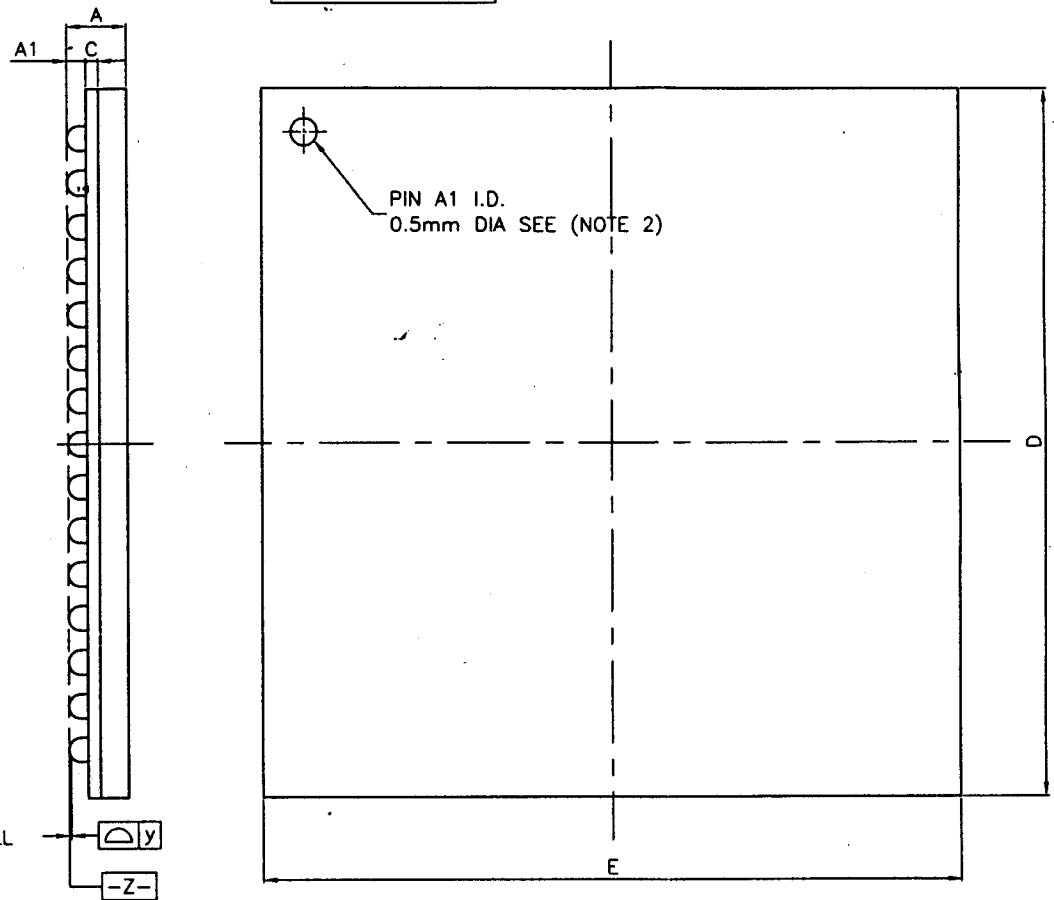


BOTTOM SIDE BOTTOM VIEW



TOP SIDE TOP VIEW



NOTE :
 1. ALL DIMENSION ARE IN MILLIMETERS.
 2. THE ID. WAS MARKED BY LASER.

SYMBOLS	DIMENSIONS IN MILLIMETERS		
	MIN	NOM	MAX
A	1.00	1.10	1.20
A1	0.30	0.35	0.40
Øb	0.40	0.45	0.50
c	—	0.21	—
D	12.90	13.00	13.10
D1	11.10	11.20	11.30
E	12.90	13.00	13.10
E1	11.10	11.20	11.30
e	—	0.80	—
y	0.00	—	0.10

CUSTOMER :		LINGSEN 5-1 NAN 2ND ROAD T.E.P.Z PRECISION IND., LTD. TAICHUNG, TAIWAN. R. O. C	
APPROVED BY	DATE	TITLE:	
DRAW BY: <i>Sandy Sue</i>	<i>08/08/03</i>	MINI BGA 175L(13x13mm) PACKAGE OUTLINE DRAWING	
CHECK BY: <i>Kevin Liao</i>	<i>6/10/03</i>	DWG. NO.	PO-MBGA-012
APPROVAL: <i>Jack Tu</i>	<i>6/10/03</i>	REV.	0
APPROVAL: <i>Jack Tu</i>	<i>6/10/03</i>	UNIT :	mm
		SCALE :	10/1
		SHEET	1 OF 1