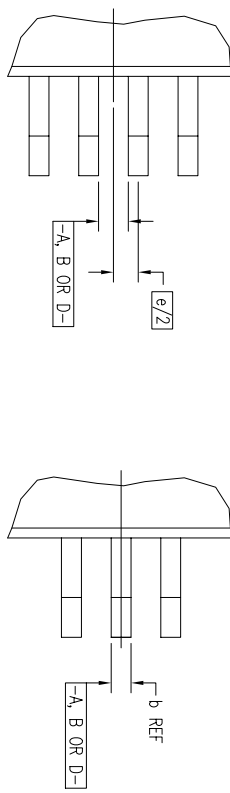


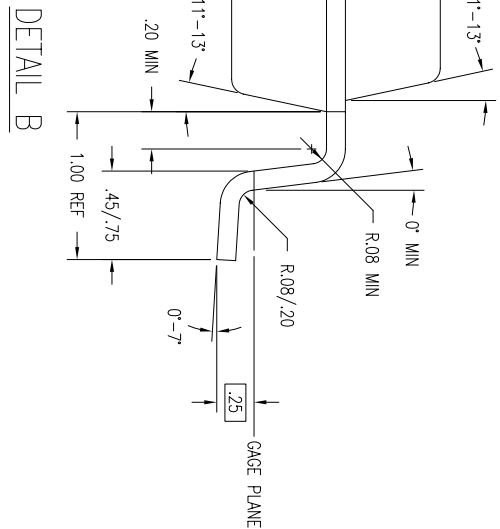
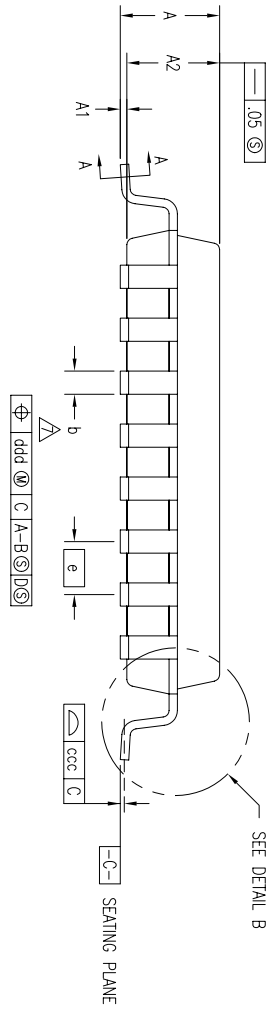
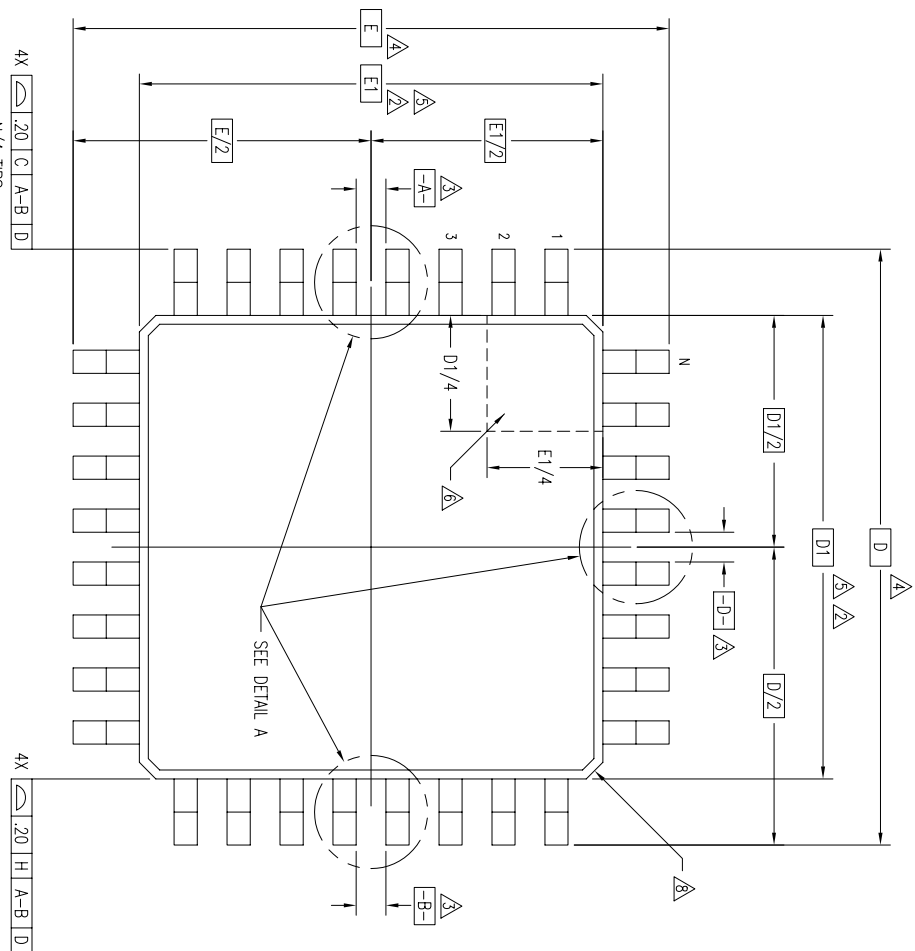
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	10/15/95	TU VU
01	ADD "GREEN" PRG NOMENCLATURE	10/08/04	TU VU
02	ADDED 48 LEAD	10/13/06	PKP
03	ADDED PACKAGE CODE	12/12/12	RC

EVEN LEAD SIDES

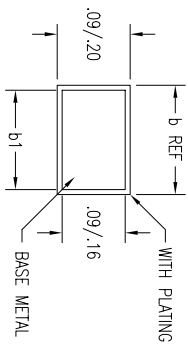
ODD LEAD SIDES



DETAIL A



DETAIL B

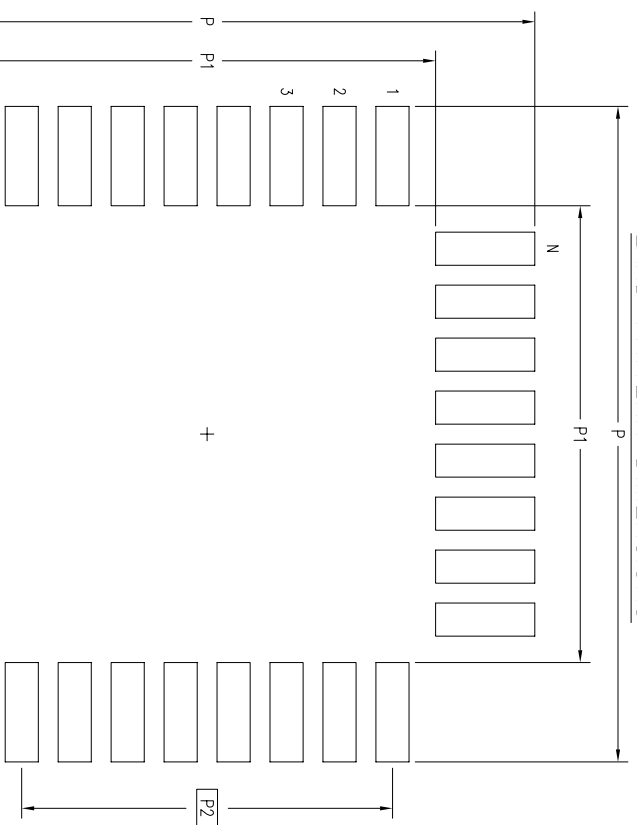


SECTION A-A

TOLERANCES UNLESS SPECIFIED		www.IDT.com	
DECIMAL	ANGULAR	8024 Silver Creek Valley Rd San Jose, CA 95138 PHONE: (408) 284-8200 FAX: (408) 284-3572	
±			
APPROVALS	DATE	TITLE	SIZE
XXXX	10/15/95	PR/PRG PACKAGE OUTLINE	DRAWING No.
CHECKED		7.0 X 7.0 X 1.4 mm TOPP	PSC-4052
		1.00/.10 FORM	REV 03
DO NOT SCALE DRAWING			SHEET 1 OF 2

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
00	INITIAL RELEASE	10/15/95	TU VU
01	ADD "GREEN" PRG NOMENCLATURE	10/08/04	TU VU
02	ADDED 48 LEAD	10/13/06	PKP
03	ADDED PACKAGE CODE	12/12/12	RC

LAND PATTERN DIMENSIONS



	MIN	MAX
P	9.80	10.00
P1	6.80	7.00
P2	5.60	7.00
X	.40	.60
e	.80	BSC
N		32

	MIN	MAX
P	9.80	10.00
P1	6.80	7.00
P2	5.50	BSC
X	.25	.35
e	.50	BSC
N		48

PR/PRG32			
S M B D L	JEDEC VARIATION		N D T E
	BBA		
	MIN	MAX	
A	—	1.60	
A1	.05	.15	
A2	1.35	1.45	
D	9.00	BSC	4
D1	7.00	BSC	5.2
E	9.00	BSC	4
E1	7.00	BSC	5.2
N		32	
e	.80	BSC	
b	.30	.37	.45
b1	.30	.35	.40
ccc	—	—	.10
ddd	—	—	.20

PR/PRG48			
S M B D L	JEDEC VARIATION		N D T E
	BBC		
	MIN	MAX	
A	—	1.60	
A1	.05	.15	
A2	1.35	1.40	1.45
D	9.00	BSC	4
D1	7.00	BSC	5.2
E	9.00	BSC	4
E1	7.00	BSC	5.2
N		48	
e	.50	BSC	
b	.17	.22	.27
b1	.17	.20	.23
ccc	—	—	.08
ddd	—	—	.08

NOTES:

- ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982
- TOP PACKAGE MAY BE SMALLER THAN BOTTOM PACKAGE BY .15 mm
- DATUMS [A-B] AND [-D-] TO BE DETERMINED AT DATUM PLANE [-H-]
- DIMENSIONS D AND E ARE TO BE DETERMINED AT SEATING PLANE [-C-]
- DIMENSIONS D1 AND E1 DO NOT INCLUDE MOLD PROTRUSION. ALLOWABLE MOLD PROTRUSION IS .25 mm PER SIDE. D1 AND E1 ARE MAXIMUM BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH
- DETAILS OF PIN 1 IDENTIFIER IS OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED
- DIMENSION b DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION IS .08 mm IN EXCESS OF THE b DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT.
- EXACT SHAPE OF EACH CORNER IS OPTIONAL
- THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN .10 AND .25 mm FROM THE LEAD TIP
- ALL DIMENSIONS ARE IN MILLIMETERS
- THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MS-026, VARIATIONS BBA & BBC.

TOLERANCES
UNLESS SPECIFIED
DECIMAL ANGULAR
± ±

XXXX±
XXXX±

APPROVALS DATE 10/15/95
DRAWN 37Y
CHECKED

www.IDT.com

6024 Silver Creek Valley Rd
San Jose, CA 95138
PHONE: (408) 284-8200
FAX: (408) 284-3572

TITLE PR/PRG PACKAGE OUTLINE
DRAWING No. 1.00/.10 FORM
PSC-4052

SIZE C
DO NOT SCALE DRAWING

REV 03
SHEET 2 OF 2