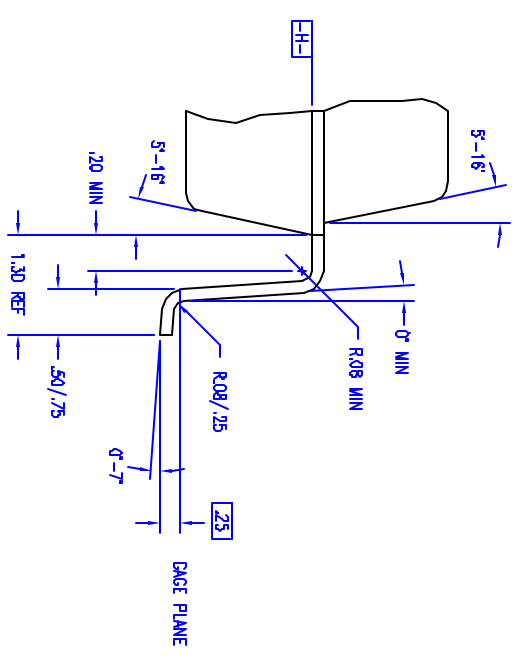
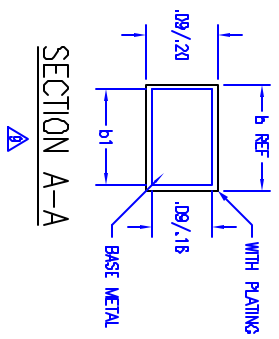
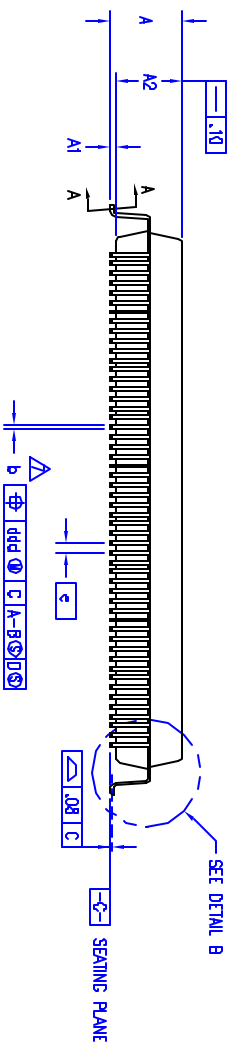


The image contains two technical drawings of a gear, labeled 'DETAIL A' and 'DETAIL B'. Both drawings show a gear with 12 teeth, represented by a central hub and six teeth on each side. A horizontal centerline is drawn through the middle of the gear. In 'DETAIL A', the left side is labeled 'EVEN LEAD SIDES' and the right side is labeled 'ODD LEAD SIDES'. A dimension line indicates a distance of $\frac{\phi}{2}$ from the centerline to the top of the teeth on the right side. Another dimension line indicates a distance of $-A, B \text{ OR } D$ from the centerline to the bottom of the teeth on the left side. In 'DETAIL B', the left side is labeled 'EVEN LEAD SIDES' and the right side is labeled 'ODD LEAD SIDES'. A dimension line indicates a distance of b REF from the centerline to the top of the teeth on the right side. Another dimension line indicates a distance of $-A, B \text{ OR } D$ from the centerline to the bottom of the teeth on the left side.



 Interpreted Device Technologies, Inc. 2075 Sinden Way, Santa Clara, CA 95054 (408) 727-4118 FAX (408) 482-8774 TWC 810-338-2070	
TITLE	DS/DH/DR PACKAGE OUTLINE
SIZE	28.0 X 28.0 X 3.4 mm PQFP
REV	1.30 / 25 MIN FORM
DRAWING No.	PSC-4059
SHEET 1 OF 2	02

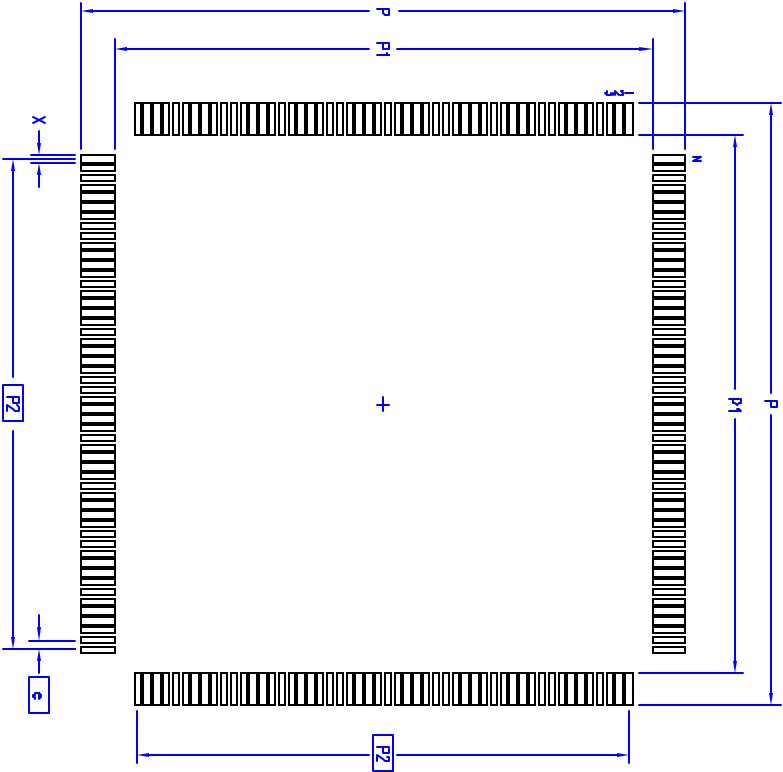
REVISIONS			
DCN	REV	DESCRIPTION	DATE
29253	DQ	INITIAL RELEASE	08/20/96
61478	D1	ADD DR PACKAGE OPTION	09/20/98
61829	D2	ADD DR PACKAGE OPTION	01/30/99
		APPROVED	T. WJ

LAND PATTERN DIMENSIONS

SYMBOL	JEDEC VARIATION			NOTES
	FA-1			
	MIN	NOM	MAX	
A	-	-	4.10	
A1	.25	-	-	
A2	3.20	3.40	3.60	
D	30.60 BSC			4
D1	28.00 BSC			5.2
E	30.60 BSC			4
E1	28.00 BSC			5.2
N	208			
e	.50 BSC			
b	.17	-	.27	7
b1	.17	.20	.23	
ddd	-	-	.08	

NOTES:

- 1 ALL DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994
- 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 BODY SIZE DIMENSIONS INCLUDING MOLD MISMATCH
- DETAIL 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 MO-143, VARIATION FA-1



	MIN	MAX
P	31.20	31.40
P1	27.80	28.00
P2	25.60 BSC	
X	.30	.40
e	.50 BSC	
N	208	

TOLERANCES
UNLESS SPECIFIED

DECIMAL

ANGULAR

±

Integrated Device Technology, Inc.
2976 Stoner Way Santa Clara, CA 95054
PHONE: (408) 727-6118 FAX: (408) 445-8574 TWC: 810-338-2070

APPROVALS

DATE

TITLE

DESIGN

08/20/96

DS/DH/DR PACKAGE OUTLINE
28.0 X 28.0 X 3.4 mm PQFP
1.30/.25 MIN FORM

CHECKED

SIZE

DRWING NO.

REV

02

Q

PSC-4059

02

DO NOT SCALE DRAWING

SHEET 2 OF 2