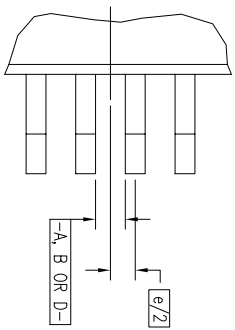
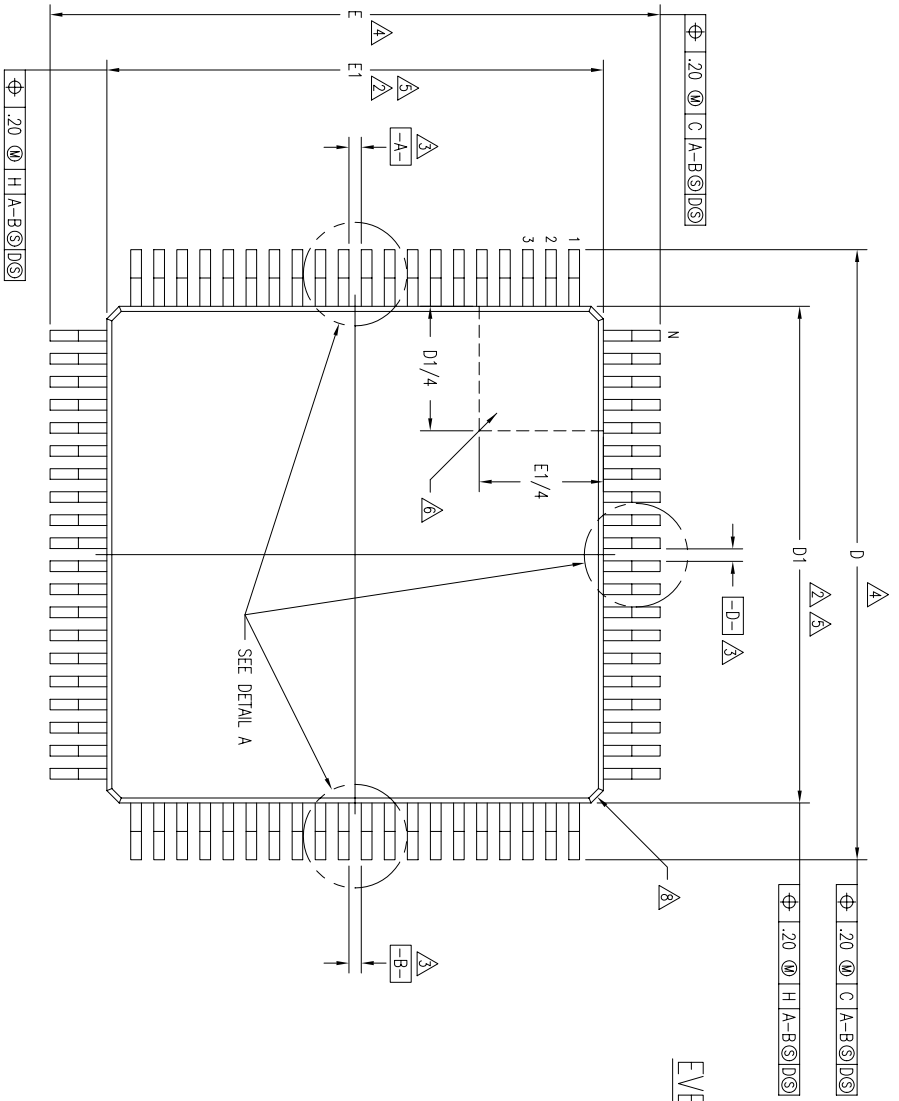
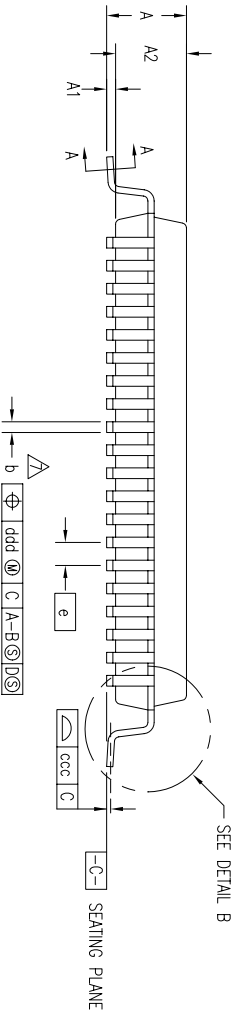


REV	DESCRIPTION	DATE	APPROVED
04	REDRAW TO JEDEC FORMAT	01/24/92	T. VU
05	ADDED 64 LEAD	4/26/01	T. VU
06	REDRAW TO MS-022 FORMAT	5/31/01	T. VU
07	CORRECTED DETAIL "A"	09/26/01	P.P. Park
08	ADD "GREEN" NOMENCLATURE	11/11/04	S. Park
09	ADD PACKAGE CODE	12/12/12	GPC

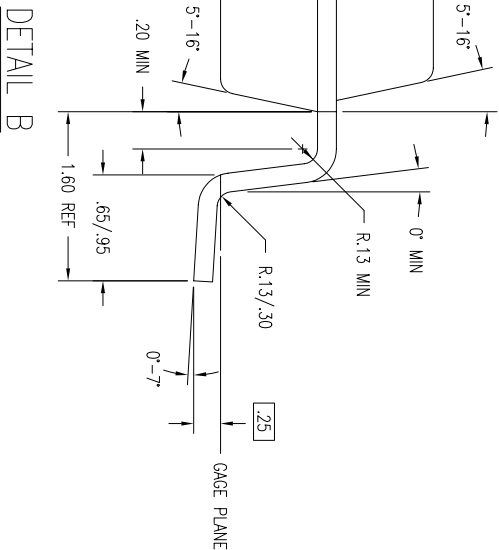
EVEN LEAD SIDES



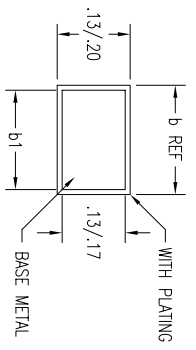
DETAIL A



SECTION A-A



DETAIL B



SECTION A-A

TOLERANCES UNLESS SPECIFIED		www.IDT.com	
DECIMAL	ANGULAR	6024 SILVERCREEK VALLEY RD	
±	±	SAN JOSE CA 95138	
XXXX±	XXXX±	PHONE: (408) 284-8200	
XXXX±	XXXX±	FAX: (408) 284-8591	
APPROVALS	DATE	TITLE	SIZE
DRAWN	01/15/92	PM/PMG PACKAGE OUTLINE	C
CHECKED		14.0 X 14.0 X 2.0 mm PQFP	PSC-4035
		1.60/.25 MAX FORM	REV 09
DO NOT SCALE DRAWING		SHEET 1 OF 2	

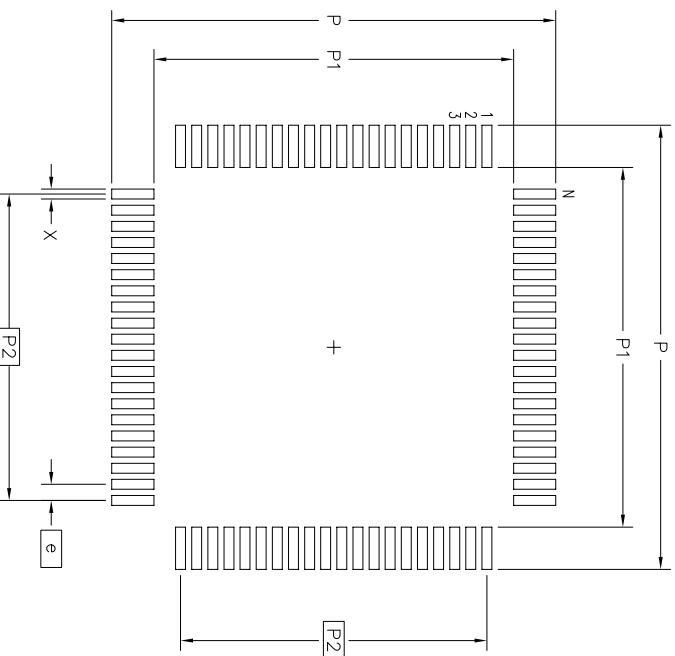
REV	DESCRIPTION	DATE	APPROVED
04	REDRAW TO JEDEC FORMAT	01/24/92	T. VU
05	ADDED 64 LEAD	4/26/01	T. VU
06	REDRAW TO MS-022 FORMAT	5/31/01	T. VU
07	CORRECTED DETAIL A	09/26/02	<i>PP</i>
08	ADD "GREEN" NOMENCLATURE	11/11/04	<i>STL</i>
	ADD PACKAGE CODE	12/12/12	<i>RG</i>

LAND PATTERN DIMENSIONS

SYMBOL	PM/PMG64				PM/PMG80			
	JEDEC VARIATION		JEDEC VARIATION		BC		MAX	
MIN	NOM	MAX	MIN	NOM	MAX	MIN	MAX	
A	–	2.45	–	–	2.45			
A1	.00	–	.25	.00	–	.25		
A2	1.80	2.00	2.20	1.80	2.00	2.20		
D	16.95	17.20	17.45	16.95	17.20	17.45	4	
D1	13.90	14.00	14.10	13.90	14.00	14.10	5.2	
E	16.95	17.20	17.45	16.95	17.20	17.45	4	
E1	13.90	14.00	14.10	13.90	14.00	14.10	5.2	
N	64		80					
e	.80 BSC				.65 BSC			
b	.29	–	.45	.22	–	.40	7	
b1	.29	.35	.41	.22	.30	.36		
ccc	–	–	.10	–	–	.10		
ddd	–	–	.20	–	–	.13		

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 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 96 REGISTRATION MS-022.



	MIN	MAX	MIN	MAX
P	17.80	18.00	17.80	18.00
P1	14.40	14.60	14.40	14.60
P2	12.00 BSC	12.35 BSC		
X	.40	.50	.35	.45
e	.80 BSC		.65 BSC	
N	64		80	

TOLERANCES
UNLESS SPECIFIED
DECIMAL ±
ANGULAR ±

XXXX±
XXXX±
XXXX±

APPROVALS DATE DATE DATE
DRAWN *AD* 01/15/92
CHECKED

SIZE DRAWING No. REV
C **PSC-4035** **09**

DO NOT SCALE DRAWING SHEET 2 OF 2

www.IDT.com
6024 SILVERCREEK VALLEY RD
SAN JOSE CA 95138
PHONE: (408) 284-8200
FAX: (408) 284-8591

PM/PMG PACKAGE OUTLINE
14.0 X 14.0 X 2.0 mm PQFP
1.60/.25 MAX FORM