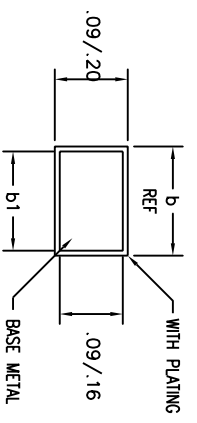
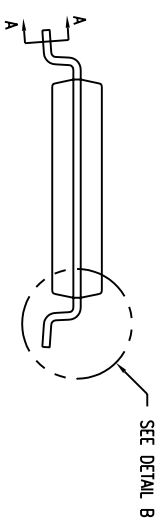
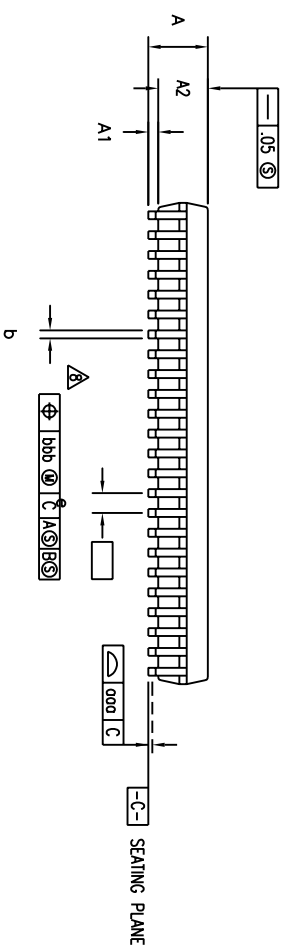
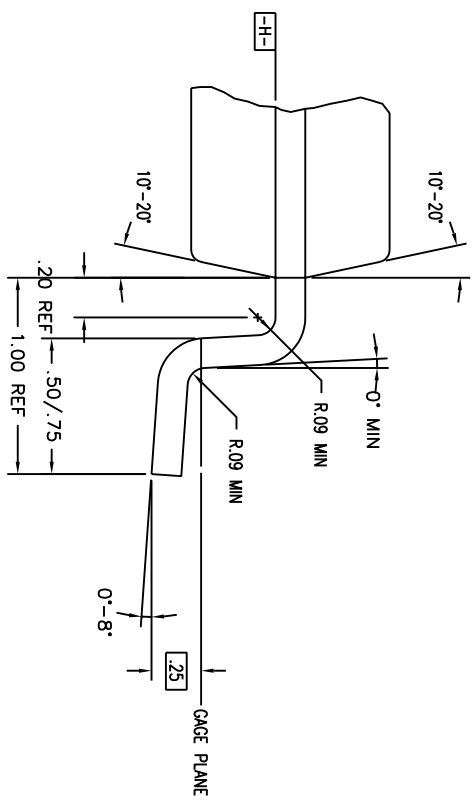
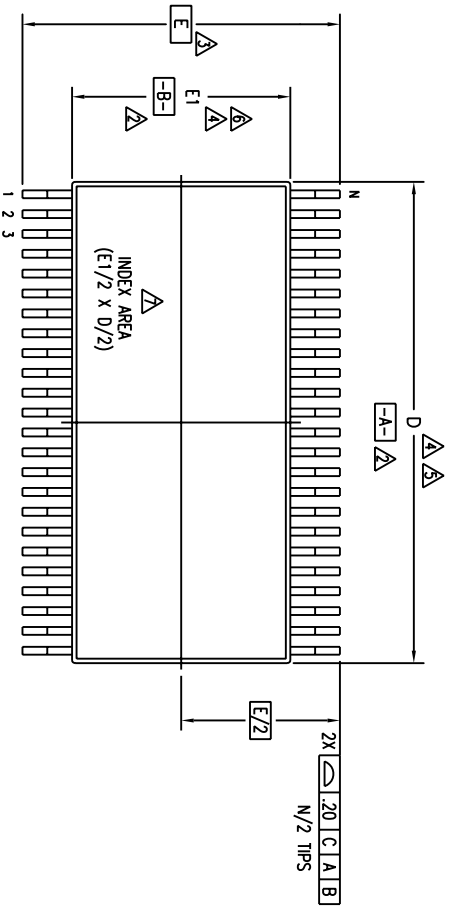


REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
28634	00	INITIAL RELEASE	02/15/96	T. VU
29021	01	CHANGE PACKAGE CONFIGURATION	06/20/96	T. VU
	02	CHANGED PACKAGE DESCRIPTION	02/01/02	PKP
	03	ADD "GREEN" PFG NOMENCLATURE	10/14/04	TU VU



SECTION A-A

TOLERANCES UNLESS SPECIFIED		2975 Slender Way	
DECIMAL	ANGULAR	Santa Clara, CA 95054	
XXX	F	PHONE: (408) 727-6116	
XXXX		FAX: (408) 492-8674	
XXXXX		WWW.IDT.COM	
APPROVALS	DATE	TITLE PFG PACKAGE OUTLINE	
DRAWN		4.4 mm BODY WIDTH TVSOP (TSSOP)	
CHECKED		.40 mm LEAD PITCH	
	SIZE	DRAWING NO.	REV
	C	PSC-4055	03
DO NOT SCALE DRAWING		SHEET 1 OF 2	

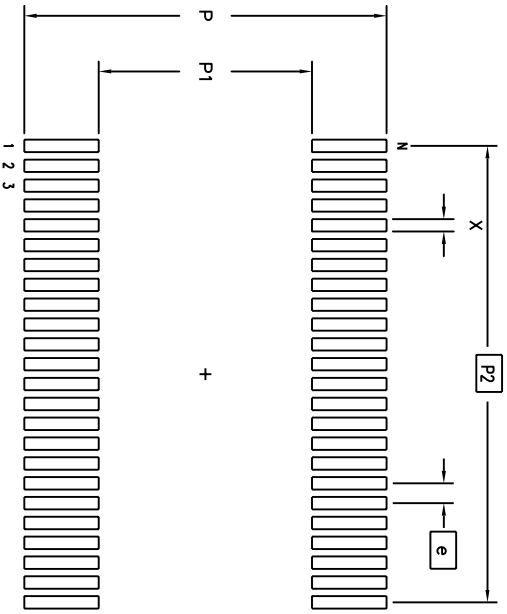
REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
29021	01	CHANGE PACKAGE CONFIGURATION	06/20/96	T. VU
	02	CHANGED PACKAGE DESCRIPTION	02/01/02	PKP
	03	ADD "GREEN" PFG NOMENCLATURE	10/15/04	TU VU

LAND PATTERN DIMENSIONS

SYMBOL	JEDEC VARIATION			N P E	JEDEC VARIATION			N P E
	CD	MIN	MAX		NOT YET REGISTERED	MIN	MAX	
A	-	-	1.20		-	-	1.20	
A1	.05	-	.15		.05	-	.15	
A2	.80	1.00	1.05		.80	1.00	1.05	
D	9.60	9.70	9.80	4.5	11.20	11.30	11.40	4.5
E	6.40 BSC			3	6.40 BSC			3
E1	4.30	4.40	4.50	4.6	4.30	4.40	4.50	4.6
e	.40 BSC				.40 BSC			
b	.13	-	.23		.13	-	.23	
b1	.13	.16	.19		.13	.16	.19	
000	-	-	.08		-	-	.08	
bbb	-	-	.07		-	-	.07	
N	48				56			

NOTES:

- ALL DIMENSIONING AND TOLERANCING CONFORM TO ANSI Y14.5M-1982
- DATUMS **-A-** AND **-B-** TO BE DETERMINED AT DATUM PLANE **-H-**
- DIMENSION E TO BE DETERMINED AT SEATING PLANE **-C-**
- DIMENSIONS D AND E1 ARE TO BE DETERMINED AT DATUM PLANE **-H-**
- DIMENSION D DOES NOT INCLUDE MOLD FLASH, PROTRUSIONS OR GATE BURRS. MOLD FLASH, PROTRUSIONS OR GATE BURRS SHALL NOT EXCEED .15 mm PER SIDE
- DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSIONS. INTERLEAD FLASH OR PROTRUSIONS SHALL NOT EXCEED .25 mm PER SIDE
- DETAIL OF PIN 1 IDENTIFIER IS OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED
- LEAD WIDTH DIMENSION DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION IS .08 mm IN EXCESS OF THE LEAD WIDTH DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OR THE FOOT
- 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-153, VARIATION CD



	MIN	MAX	MIN	MAX
P	7.20	7.40	7.20	7.40
P1	4.20	4.40	4.20	4.40
P2	9.20 BSC		10.80 BSC	
X	.20	.30	.20	.30
e	.40 BSC		.40 BSC	
N	48		56	

TOLERANCES UNLESS SPECIFIED			
DECIMAL	ANGULAR	2975 Stender Way Santa Clara, CA 95054 PHONE: (408) 727-6116 FAX: (408) 492-8674	
XXX	F	WWW.IDT.COM	
XXXX		TITLE PF/PFG PACKAGE OUTLINE 4.4 mm BODY WIDTH TVSOP (TSSOP) .40 mm LEAD PITCH	
APPROVALS	DATE	SIZE	DRAWING NO.
CHECKED		C	PSC-4055
			REV 03
DO NOT SCALE DRAWING		SHEET 2 OF 2	