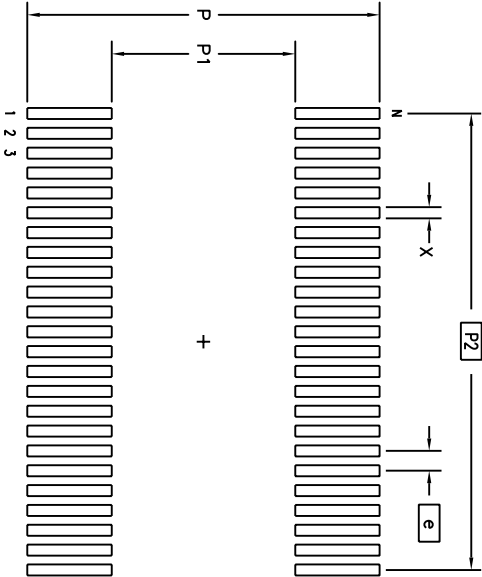


REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
	02	ADD "GREEN" DUG NOMENCLATURE	10/26/04	T. VU

SYMBOL	JEDEC VARIATION			NOTES
	AB			
	MIN	NOM	MAX	
A	-	-	2.00	
A1	.05	-	.25	
A2	1.45	1.60	1.75	
D	9.80	9.90	10.00	6,7
E	5.80	6.00	6.20	3
E1	3.80	3.90	4.00	6,7
N	48			


LAND PATTERN DIMENSIONS



NOTES:

- 1 ALL DIMENSIONS AND TOLERANCES CONFORM TO ASME Y14.5M-1994
- 2 DATUM PLANE -H- COINCIDENT WITH BOTTOM OF LEAD, WHERE LEADS EXIT BODY
- 3 DIMENSION E TO BE DETERMINED AT SEATING PLANE -C-
- 4 THESE DIMENSIONS APPLY TO THE FLAT SECTION OF THE LEAD BETWEEN .10 TO .25MM FROM LEAD TIP
- 5 ALL DIMENSIONS ARE IN MILLIMETERS
- 6 DIMENSION D DOES NOT INCLUDE MOLD PROTRUSIONS OR GATE BURRS. MOLD PROTRUSIONS AND GATE BURRS SHALL NOT EXCEED .15MM PER SIDE. DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH OR PROTRUSIONS. INTERLEAD FLASH OR PROTRUSIONS SHALL NOT EXCEED .25MM PER SIDE
- 7 DATUMS -A- AND -B- TO BE DETERMINED AT DATUM PLANE -H-
- 8 LEAD WIDTH DIMENSION "b" DOES NOT INCLUDE DAMBAR PROTRUSION. ALLOWABLE DAMBAR PROTRUSION IS .08MM IN EXCESS OF THE LEAD WIDTH DIMENSION AT MAXIMUM MATERIAL CONDITION. DAMBAR CANNOT BE LOCATED ON THE LOWER RADIUS OF THE FOOT
- 9 DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN THE ZONE INDICATED.
- 10 A1 IS DEFINED AS THE DISTANCE FROM THE SEATING PLANE TO THE LOWEST POINT OF THE PACKAGE BODY
- 11 THIS OUTLINE CONFORMS TO JEDEC PUBLICATION 95 REGISTRATION MO-154, VARIATION AB

	MIN	MAX
P1	3.60	3.80
P	7.00	7.20
P2	9.20 BSC	
X	.20	.30
e	.40 BSC	
N	48	

TOLERANCES UNLESS SPECIFIED		IDT™		2975 Slender Way Santa Clara, CA 95054 PHONE: (408) 727-6116 FAX: (408) 492-8674	
DECIMAL	ANGULAR			TITLE DU/DIG PACKAGE OUTLINE 3.9 mm BODY WIDTH QVSOP .40 mm PITCH	
XX±	±				
XXX±					
XXXX±					
APPROVALS	DATE	www.IDT.com		SIZE C	
DRAWN				DRAWING No. PSC-4077	
CHECKED				REV 02	
				DO NOT SCALE DRAWING	
				SHEET 2 OF 2	