



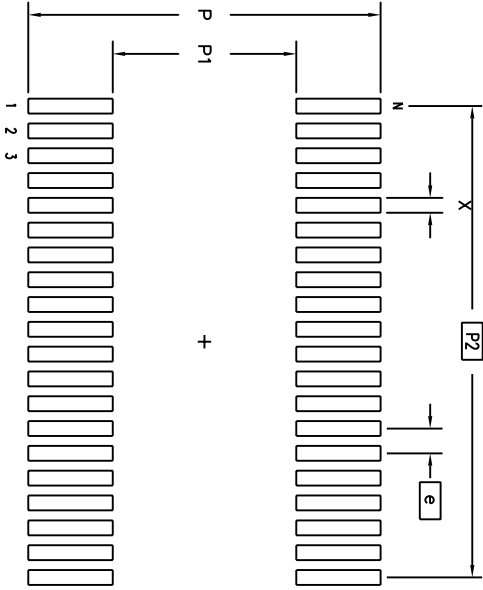
REVISIONS				
DCN	REV	DESCRIPTION	DATE	APPROVED
61966	00	INITIAL RELEASE	04/15/99	SS
	01	CORRECTED TYPO IN TABLE	11/21/00	
	02	ADD "GREEN" DMG NOMENCLATURE	10/11/04	TU VU

S Y M B O L	JEDEC VARIATION			N O T E	JEDEC VARIATION			N O T E
	BB				BC			
	MIN	NOM	MAX		MIN	NOM	MAX	
A	-	-	2.00		-	-	2.00	
A1	.05	-	.25		.05	-	.25	
A2	1.45	1.60	1.75		1.45	1.60	1.75	
D	9.80	9.90	10.00	6,7	20.40	20.50	20.60	6,7
E	5.80	6.00	6.20	3	5.80	6.00	6.20	3
E1	3.80	3.90	4.00	6,7	3.80	3.90	4.00	6,7
N	40				80			

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 BB & BC

LAND PATTERN DIMENSIONS



	MIN	MAX	MIN	MAX
P1	3.60	3.80	3.60	3.80
P	7.00	7.20	7.00	7.20
P2	9.50 BSC		19.50 BSC	
X	.30	.40	.30	.40
e	.50 BSC		.50 BSC	
N	40		80	

TOLERANCES UNLESS SPECIFIED		IDT™		2975 Stender Way Santa Clara, CA 95054 PHONE: (408) 727-6116 FAX: (408) 492-8674	
DECIMAL	ANGULAR				
XXX	XXX				
XXXX	XXXX				
APPROVALS	DATE	TITLE DM/DMG PACKAGE OUTLINE			
DRAWN		3.9 mm BODY WIDTH QVSOP			
CHECKED		.50 mm PITCH			
		SIZE	DRAWING NO.	REV	
		C	PSC-4078	02	
DO NOT SCALE DRAWING					SHEET 2 OF 2