



	COMMON TOLERANCES	
ccc	0.40	2
ddd	0.15	
NOTE	1. 3	
REF.	11-512, 11-476	
ISSUE	B, A	

1													
S	VARIATIONS												
M B	AA			AB			AC			AD			N O
۵	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	0 T E
А			2.05			2.05			2.05	- -		2,05	
A 1	0.95	1.00	1.05	0.95	1.00	1.05	0.95	1.00	1.05	0.95	1.00	1.05	
A2	1.00			1.00		- -	1.00			1.00		- -	
b	0.36		0.52	0.36		0.52	0.36		0.52	0.36		0.52	
bi	0.36	0.40	0.44	0.36	0.40	0.44	0.36	0.40	0.44	0.36	0.40	0.44	
b2	0.62	0.66	0.79	0.62	0.66	0.79	0.62	0.66	0.79	0.62	0.66	0.79	6
_					 			 		0.5	05 506		, _
D	18,40 BASIC			20.95 BASIC			23.50 BASIC 11.00 11.15 11.30		26.05 BASIC			4,5	
E	11.00	11.15	11.30	11.00	11.15	11.30	11.00	11.15	11.30	11.00	11.15	11.30	
	1.27 BASIC			1.27 BASIC			1.27 BASIC			1.27 BASIC			
е	1.27 BASIC			1.27 Bh310			1.27 5/10.0			1.21 571010			
N	28			32			36			40			9
aaa				0.20			0.20			0.20			
bbb				0.20			0,20			0.20			
NOTE				1. 3			1. 3			1, 3			
REF.	. 11-512,11-476			11-512, 11-476			11-512,11-476			11-512, 11-476			
ISSUE	UE B, A			B, A			B, A			В, А			
		C TATE UTLINE		PROFII LEAD I	_E SMA PACKAG		LLINE	I SSUE B	6/99)-199	9 OF	3 - 5

S	VARIATIONS												
B	M AE				AF		AG			AH			MHOZ
0	MIN	MOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	MIN	NOM	MAX	Ē
А			2.05			2.05			2.05			2.05	
A1	0.95	1.00	1.05	0.95	1.00	1.05	0.95	1.00	1.05	0.95	1.00	1.05	
A2	1.00			1.00			1.00			1.00			
b	0.36		0.52	0.36		0.52	0.26		0.40	0.26		0.40	
b1	0.36	0.40	0.44	0.36	0.40	0.44	0.26	0.30	0.35	0.26	0.30	0.35	
b2	0.62	0.66	0.79	0.62	0.66	0.79	0.46	0.50	0.63	0.46	0.50	0.63	6
D	27	30 BAS	ic i	28	l 60 BAS	 10	18	l 40 BAS	I IC	20	I 95 BAS	31C 	4,5
E	1 .									Į.	11.15		1
е	1.	27 BAS	IC	1.27 BASIC			0.	80 BAS	SIC	0.	80 BAS	SIC	
										:			
N		42		44			44				50		9
aaa		0.20		0.20			0.15						
bbb		0.20		0.20				0.15			0.15		
NOTE	1, 3			1, 3			1, 3						
REF.	1						11-512, 11-476			11-512,11-476			
ISSUE	B, A B, A							B, A		В, А			<u> </u>
\$ VARIATIONS													
S Y M B							AK						
0 L	MIN	A [MOM	MAX	MIN	LA	MAX	MIN	NOM	MAX	MIN	NOM	MAX	N O T I
										MIIN	NOM	MAA	E
A	0.95	1 00	2.05	 0.95	1 00	2.05	 0.95	1 00	2.05				
A1 A2	1.00	1.00	1.05 	1.00	1.00	1.05 	1.00	1.00	1.05				
b	0.26		0.40	0.26		0.40	0.26		0.40				
b1	0.26	0.30	0.35	0.26	0.30	0.35	0.26	0.30	0.35				
b2	0.46	0.50	0.63	0.46	0.50	0.63	0.26	0.30	0.35				6
	0, 10		3.35				3 . 2 3				ŀ		
D	22 25 BASIC 28 6			60 BAS			25 BAS					4,5	
E	11.00	11.15	11.30	11.00	11. 15	11.30	11.00	11.15	11.30				
е	0.80 BASIC				0.80 BASIC			0.65 BASIC					
NI NI	NI EA			70			66						
N	N 54			70			66						9
aaa	0.15				0.15								
bbb	0.15 0.15				0.15								
NOTE REF.		1, 3				1, 3	1-512						
ISSUE	i e	11-512, 11-476				1	B						
	l .		T					ISSUE	DATE	I			L
	JEDEC	•	1 , ~				., , <u>.</u>	10000	D.V.I.	I		ŀ	/ /
	JEDE(LID S ⁻ JUCT OU	ΓAΤΕ	1 1_		LE SMA PACKAG			B	6/99) – 199	9 of	4 5

NOTES

1 DIMENSIONING AND TOLERANCING CONFORM TO ASME Y14.5M-1994.



TO BE DETERMINED AT SEATING PLANE C.

3 ALL DIMENSIONS IN MILLIMETERS.



DIMENSION D DOES NOT INCLUDE MOLD FLASH, TIE BAR BURRS, AND GATE BURRS. MOLD FLASH, TIE BAR BURRS, AND GATE BURRS SHALL NOT EXCEED 0.15 mm PER END. DIMENSION E1 DOES NOT INCLUDE INTERLEAD FLASH. INTERLEAD FLASH SHALL NOT EXCEED 0.25 mm PER SIDE.



THE PACKAGE TOP MAY BE SMALLER THAN THE PACKAGE BOTTOM. DIMENSIONS D AND E1 AND, HENCE, DATUMS A AND B, ARE DETERMINED AT THE OUTERMOST EXTREMES OF THE PLASTIC BODY EXCLUSIVE OF MOLD FLASH, TIE BAR BURRS, GATE BURRS AND INTERLEAD FLASH, BUT INCLUDE ANY MISMATCH BETWEEN THE TOP AND BOTTOM OF THE PLASTIC BODY.



DIMENSION 62 DOES NOT INCLUDE DAMBAR PROTRUSION OR INTRUSION. THE DAMBAR PROTRUSION(S) SHALL NOT CAUSE THE SHOULDER WIDTH TO EXCEED 62 MAXIMUM BY MORE THAN X mm. THE DAMBAR INTRUSION(S) SHALL NOT REDUCE THE SHOULDER WIDTH TO LESS THAN 0.03 mm BELOW 62 MINIMUM.

е	X						
1.27	0.13						
0.80	0.08						
0.65	0.08						



THE LEAD 1 IDENTIFIER AND LEAD NUMBERING CONVENTION SHALL CONFORM TO JESD 95 SPP-012. DETAILS OF LEAD 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONE INDICATED. THE LEAD 1 IDENTIFIER MAY BE EITHER A MOLDED OR A MARKED FEATURE.



EXACT DESIGN OF THIS FEATURE IS OPTIONAL.

9 N IS THE MAXIMUM NUMBER OF LEADS.



DISTANCE OF SECTION C-C ABOVE SEATING PLANE.

JED	DEC
SOLID	STATE
PRODUCT	OUTLINE