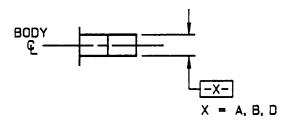
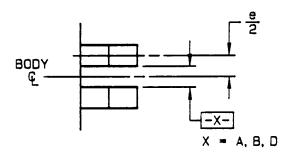


NOTES:

- 1. ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1982.
- 2. CONTROLLING DIMENSION: INCHES.
- DATUM PLANE _H_ LOCATED AT TOP OF MOLD PARTING LINE AND COINCIDENT WITH TOP OF LEAD, WHERE LEAD EXITS PLASTIC BODY.
- 4. DATUMS A-B AND -D- TO BE DETERMINED WHERE CENTER LEADS EXIT PLASTIC BODY AT DATUM PLANE -H- .
- DIMENSIONS D₁ AND E₁ DO NOT INCLUDE MOLD PROTRUSION.
 ALLOWABLE MOLD PROTRUSION IS .254mm/.010in.
- 6. DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL BUT MUST BE LOCATED WITHIN ONE OF THE TWO ZONES INDICATED.
- WHEN NUMBER OF LEADS PER SIDE IS EVEN, DATUMS A-B AND -DARE DETERMINED BY ADDING THE HALF-PITCH BASIC DIMENSION TO
 THE CENTERLINE OF THE ADJACENT LEAD, AS SHOWN. WHEN NUMBER
 OF LEADS PER SIDE IS ODD, DATUMS A-B AND -D- ARE DETERMINED
 BY THE CENTERLINE OF THE CENTER LEADS.
- 8. N IS THE MAXIMUM NUMBER OF TERMINALS.



ODD NUMBERED SIDES



EVEN NUMBERED SIDES

DETAIL A

JEDEC	TITLE:	PLASTIC	THIN LEAD	ISSUE	DATE	1 1/0 074	SHEET
SOLID STAET PRODUCTS OUTLINE		PACKAGE SQUARE	FAMILY. (GULLWING)	В	7/89	MU-0/1	3 of 8

ALL DIMENSIONS IN INCHES

S					VARIAT	ION	IS					
М В	Δ	\A	OZ	А	В	102	А	.C	02	А	ם	NOT TOX
0	MIN.	MAX.	Ē	MIN.	MAX.	Ē	MIN.	MAX.	E	MIN.	MAX.	T E
Α	. 066	.090		.081	.090		.081	.090		.081	.090	
A1	.046	.063		. 057	.063		.057	.063		.068	.074	
A2	.004	.008						,				
ם	. 356	.364		. 416	. 424		. 496	.504		. 576	.584	
D1	. 284	.288	5	. 344	. 348	5	. 424	. 428	5	.503	.507	5
D3	. 180	REF.		.240	REF.		.320	REF.		. 400	REF.	
E	. 356	.364		.416	. 424		. 496	.504		. 576	.584	1
E1	.284	. 288	5	.344	. 348	5	. 424	. 428	5	.503	.507	5
E3	. 180	REF.		.240	REF.		.320	REF.		. 400	REF.	
L1	.009	.015										
L2	.016	.028										
N	4	0	8	5	52		68		8	8	4	8
e	.0	20		.0	.020		. 020			.020		
e1	.008	.012		.008	.012		.008	.012		.008	.012	

ALL DIMENSIONS IN MILLIMETERS

S					VARIAT	101	IS					
М	А	A	102	А	8	ZOI	А	С	ZOI	AD		10Z
B 0 L	MIN.	MAX.	Ē	MIN.	MAX.	E	MIN.	MAX.	Ē	MIN.	MAX.	E.
A	1.675	2.286		2.056	2.286		2.056	2.286		2.056	2.286	
A1 A2	1.168 0.102	1.6 0.203		1.447	1.6		1.447	1.6		1.725	1.878	
ם	9.04	9.238		10.558	10.761		12.589	12.792		14.619	14.822	
D1	7.212	7.313	5	8.735	8.837	5	10.767	10.868	5	12.773	12.875	5
D3	4.569	• 1 1		6.091	REF.	8.122 REF.				10.152	REF.	
E	9.04	9.238		10.558	10.761		12.589	12.792		14.619	14.822	l
E1	7.212	7.313	5	8.735	8.837	5	10.767	10.868	5	12.773	12.875	5
E3		P REF.		6.091	REF.		8.122	REF.		10.152	REF.	1
L1	0.229	0.381			:							
L2	0.407	0.711		İ								1
N	4	0	8	5	2	8	68		8	84		8
е	0.5	808		0.5	508		0.5	508		0.5	508	
e1	0.204	0.304		0.204	0.304		0.204	0.304		0.204	0.304	J
NOTE	1,	7										
REF	11-204 11-204			204		11-204			11-204			
ISSUE	A A					ŀ	\		Α			

JEDEC SOLID STAFT PRODUCTS	TITLE:	PLASTIC	THIN LEAD	ISSUE	DATE		SHEET
SOLID STAET PRODUCTS OUTLINE		PACKAGE SQUARE	FAMILY, (GULLWING)	В	7/89	MU-0/1	4 of 8

ALL DIMENSIONS IN INCHES

S					VARI	AT:	IONS					
M B O	Δ	·Ε	201	A	F	20			20			70 F
0	MIN.	MAX.	E	MIN.	MAX.	E	MIN.	MAX.	E	MIN.	MAX.	E
Α	. 092	. 098		. 092	. 098							
A1	.068	.074		.068	.074]
A2	.013	.017										
ם	. 896	. 908		1.286	1.294			:				
D1	. 803	. 807	5	1.203	1.207	5						
Ea	.640	REF.		1.080	REF.							
E	. 896	. 908		1.286	1.294		*					
E1	.803	. 807	5	1.203	1.207	5						
E3	.640	REF.		1.08	REF.							
L1	.020	.026										
L2	.027	.039				8						
N	13	32	8	22	220							
е	.0	20		. 0	.020							
е1	.008	.012		.008	.012							

ALL DIMENSIONS IN MILLIMETERS

S					VARIAT	ION	S					
M B	А	E	102	A	F	102		NO T			NOT E	
0 L	MIN.	MAX.	Ē	MIN.	MAX.	Ē	MIN.	MAX.	É	MIN.	MAX.	É
Α	2.337	2.489		2.337	2.489							
A1	1.727	1.880		1.727	1.880							
A2	0.330	0.431										
ם	22.758	23.063		32.664	32.868							
D1	20.396	20 . 498	5	30.556	30.658	5						
D3	16.256			27.432	· '							
E	1	23.063			32.868							
E1	•	20.498	5	30.556	30.658	5	•					
E3	1 .	6 REF.		27.43	2 REF.							
L1		0.660			;							
L2		0.989										
N		32	8	22		8						
e		508		0.5	1							
e 1	0.204	0.304		0.204	0.304					,		
NOTE												
AEF		239										
ISSUE	E	3								<u></u>		

JEDEC	TITLE:	PLASTIC	THIN LEAD	ISSUE	DATE		SHEET
SOLID STAET PRODUCTS OUTLINE		PACKAGE SQUARE	FAMILY, (GULLWING)	В	7/89	MU-0/1	5 of 6

ALL DIMENSIONS IN INCHES

S					VARI	AT.	IONS					
M B	E	BA	102	В	ВВ				0.02			mHOZ
O L	MIN.	MAX.	E	MIN.	MAX.	E	MIN.	MAX.	E	MIN.	MAX.	Ε
Α	.092	. 098		.092	.098							
A1	.068	.074		.068	.074							
A2	.013	.017										
ם	. 896	.908		1.286	1.294							
D1	. 803	.807	5	1.203	1.207	5					ĺ	
Ed	. 660	REF.		1.050	REF.							
E	. 896	. 908		1.286	1.294							
E1	.803	. 807	5	1.203	1.207	5						1
E3	. 660	REF.		1.05	REF.							
L1	.020	.026										
L2	.027	.039										
N	18	30	8	28	34	8						
е	.0	15		.0	.015							
e1	.008	.012		.008	.012							

ALL DIMENSIONS IN MILLIMETERS

S					VARIAT	ION	S					
M B	В	BA	102	В	В	701			102			7 O Z
0 L	MIN.	MAX.	E	MIN.	MAX.	E	MIN.	MAX.	Ē	MIN.	MAX.	E
Α	2.337	2.489		2.337	2.489							
A1	1.727	1.880		1.727	1.880							
A2	0.330	0.431								i		
ם	22.758	23.063		32.664	32.868			•				
D1	20.396	20.498	5	30.556	30.658	5						
D3	16.670	REF.		26.670	REF.] [
E	22.758	23.063		32.664	32.868							
E1	20.396	20.498	5	30.556	30.658	5					,	
E3	i .	O REF.		26.67	O REF.							
L1	0.508	0.660										
L2	0.685	0.989										
N		30	8	28		8						:
е	0.3			0.3								
e 1	0.204	0.304		0.204	0.304							
NOTE		-										
REF	11-	240					-					
ISSUE	E	3						··				

JEDEC SOLID STAET PRODUCTS	TITLE:	PLASTIC		ISSUE	DATE		SHEET
SOLID STAET PRODUCTS OUTLINE		PACKAGE SQUARE	FAMILY, (GULLWING)	В	7/89	MU-0/1	6 of 6