



ALL DIMENSIONS IN INCHES (MILLIMETERS)

NOTES:

1. ALL DIMENSIONS AND TOLERANCES SHALL CONFORM TO ANSI Y14.5M-1982.
2. INDEX AREA: A PIN IDENTIFICATION MARK SHALL BE LOCATED ADJACENT TO PIN ONE, ALTERNATIVELY A TAB (DIMENSION k) MAY BE USED AS SHOWN.
3. DIMENSION Q SHALL BE MEASURED AT THE POINT OF LEAD EXIT FROM THE BODY.
4. THIS DIMENSION INCLUDES LID-TO-BASE MISALIGNMENT, GLASS MENISCUS AND OVERFLOW.
5. DIMENSION APPLIES TO ALL FOUR PACKAGE CORNERS.
6. DIMENSIONS b_1 AND c_1 APPLY TO BASE METAL ONLY. THE TRUE POSITION TOLERANCE OF .004 APPLIES TO LEAD AFTER APPLICATION OF LEAD FINISH.
7. OPTIONAL, SEE NOTE 2. IF PIN ONE IDENTIFICATION MARK IS USED IN ADDITION TO TAB, THE MINIMUM LIMIT OF k DOES NOT APPLY.
8. DATUM -C- IS REFERENCED AT THE POINT OF LEAD EXIT FROM THE PACKAGE BODY.
9. CONTROLLING DIMENSION: INCH
10. POSITIONAL TOLERANCE APPLIES TO LEAD POSITION WITHIN .050 (1.28) OF PACKAGE BODY.

JEDEC
SOLID STATE PRODUCTS
OUTLINES

TITLE FLATPACK FAMILY
.535 LENGTH, .030 PITCH

ISSUE
A

DATE
4/90

MO-106

SHEET
1 OF 3

SYMBOL	VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)											
	AA			NOTE	AB			NOTE	AC			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	.055	.080	.090		.055	.080	.090		.055	.080	.090	
b	.0074	.009	.0105	6,8	.0074	.009	.0105	6,8	.0074	.009	.0105	6,8
b1	.007	.008	.009	6	.007	.008	.009	6	.007	.008	.009	6
c	.0044	.006	.007	6	.0044	.006	.007	6	.0044	.006	.007	6
c1	.004	.005	.0055	6	.004	.005	.0055	6	.004	.005	.0055	6
D	.530	.535	.545	4	.530	.535	.545	4	.530	.535	.545	4
E	.352	.360	.370	4	.352	.370	.375	4	.420	.430	.435	4
e	.030 BSC				.030 BSC				.030 BSC			
H	.955 REF				.955 REF				.955 REF			
k	.004	.006	.008	7	.004	.006	.008	7	.004	.006	.008	7
L	.190	.210	.215		.190	.210	.215		.190	.210	.215	
Q	.032	.040	.045	3	.032	.040	.045	3	.035	.040	.045	3
S	.022	.030	.039	5	.007	.020	.026	5	.011	.020	.026	5
M	200 μ in	500 μ in	750 μ in	6	200 μ in	500 μ in	750 μ in	6	200 μ in	500 μ in	750 μ in	6
N	22				24				28			
NOTE	1,2,9				1,2,9				1,2,9			
REF	10,281				10,281				10,281			
ISSUE	A				A				A			

SYMBOL	VARIATIONS (ALL DIMENSIONS SHOWN IN INCHES)											
	AD			NOTE				NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	.055	.085	.095									
b	.0074	.009	.0105	6,8								
b1	.007	.008	.009	6								
c	.0044	.006	.007	6								
c1	.004	.005	.0055	6								
D	.530	.535	.545	4								
E	.495	.510	.520	4								
e	.030 BSC											
H	.974 REF											
k	.004	.006	.008	7								
L	.213	.218	.223									
Q	.035	.040	.045	3								
S	.049	.060	.069	5								
M	200 μ in	500 μ in	750 μ in	6								
N	28											
NOTE	1,2,9											
REF	10,281											
ISSUE	A											

JEDEC SOLID STATE PRODUCTS OUTLINES	TITLE FLATPACK FAMILY .535 LENGTH, .030 PITCH	ISSUE A	DATE 4/90	MO-106	SHEET 2 OF 3
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SYMBOL	VARIATIONS (ALL DIMENSIONS SHOWN IN MILLIMETERS)											
	AA			NOTE	AB			NOTE	AC			NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	1.40	2.03	2.29		1.40	2.03	2.29		1.40	2.03	2.29	
b	0.19	0.23	0.27	6,8	0.19	0.23	0.27	6,8	0.19	0.23	0.27	6,8
b1	0.18	0.20	0.23	6	0.18	0.20	0.23	6	0.18	0.20	0.23	6
c	0.11	0.15	0.18	6	0.11	0.15	0.18	6	0.11	0.15	0.18	6
c1	0.10	0.13	0.14	6	0.10	0.13	0.14	6	0.10	0.13	0.14	6
D	13.46	13.59	13.84	4	13.46	13.59	13.84	4	13.46	13.59	13.84	4
E	8.94	9.14	9.40	4	8.94	9.40	9.53	4	10.67	10.92	11.05	4
e	0.76 BSC				0.76 BSC				0.76 BSC			
H	24.25 REF				24.25 REF				24.25 REF			
k	0.10	0.15	0.20	7	0.10	0.15	0.20	7	0.10	0.15	0.20	7
L	4.83	5.33	5.46		4.83	5.33	5.46		4.83	5.33	5.46	
Q	0.81	1.02	1.14	3	0.81	1.02	1.14	3	0.89	1.02	1.14	3
S	0.56	0.76	0.99	5	0.18	0.51	0.66	5	0.28	0.51	0.66	5
M	0.005	0.01	0.019	6	0.005	0.01	0.019	6	0.005	0.01	0.019	6
N	22				24				28			
NOTE	1,2,9				1,2,9				1,2,9			
REF	10.281				10.281				10.281			
ISSUE	A				A				A			

SYMBOL	VARIATIONS (ALL DIMENSIONS SHOWN IN MILLIMETERS)											
	AD			NOTE				NOTE				NOTE
	MIN	NOM	MAX		MIN	NOM	MAX		MIN	NOM	MAX	
A	1.52	2.16	2.41									
b	0.19	0.23	0.27	6,8								
b1	0.18	0.20	0.23	6								
c	0.11	0.15	0.18	6								
c1	0.10	0.13	0.14	6								
D	13.46	13.59	13.84	4								
E	12.57	12.95	13.21	4								
e	0.76 BSC											
H	24.73 REF											
k	0.10	0.15	0.20	7								
L	5.41	5.54	5.66									
Q	0.89	1.02	1.14	3								
S	1.24	1.52	1.75	5								
M	0.005	0.01	0.019	6								
N	28											
NOTE	1,2,9											
REF	10.281											
ISSUE	A											