
$$\frac{\text{mm}}{\text{Inch}}$$

FIGURE 1

PRINCIPAL DIMENSIONS & DATUMS

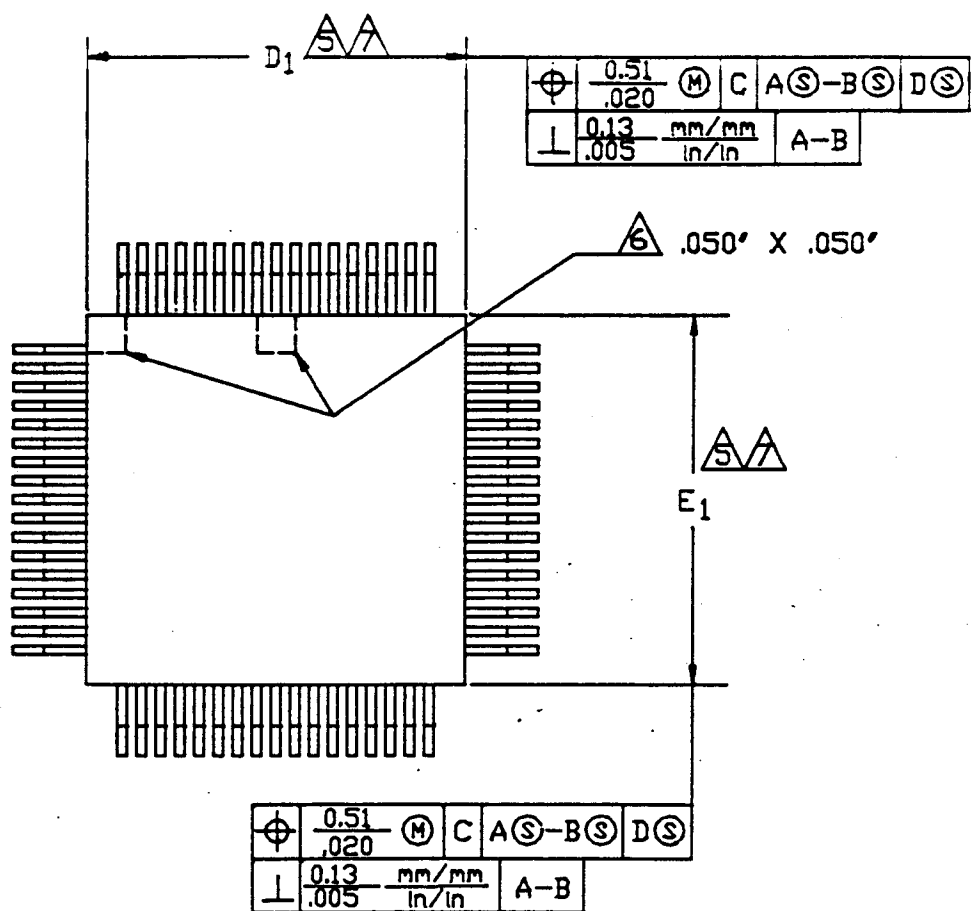


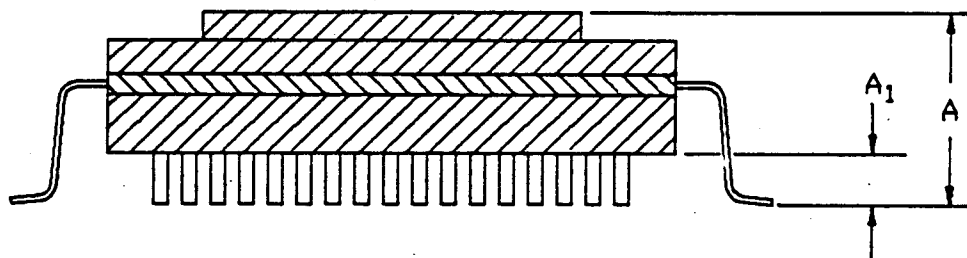
FIGURE 2 BODY DETAILS

$\frac{\text{mm}}{\text{inch}}$

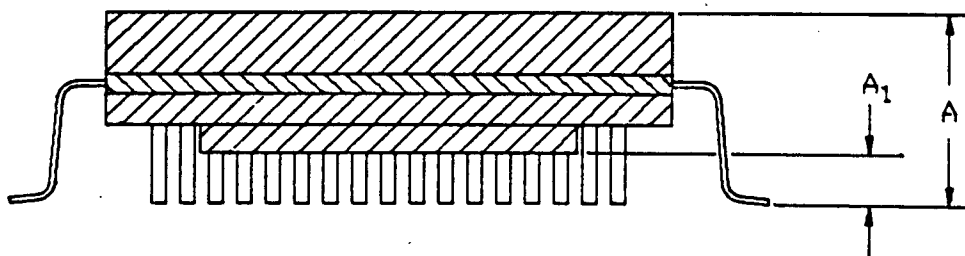
REFERENCE DRAWING

SECTION A-A

(DEPICTING ACTUAL PACKAGE
OUTLINE CONFIGURATION)
LID SHOWN FOR RECOGNITION ONLY



CAVITY UP



CAVITY DOWN

SYMBOL	VARIATIONS ALL DIMENSIONS IN INCHES											
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A A ₁ D D ₁ D ₃ E E ₁ E ₃ L N	.154	.194		.154	.194		.154	.194		.154	.194	
	.020	.040		.020	.040		.020	.040		.020	.040	
	.675	.685	4	.775	.785	4	.875	.885	4	1.075	1.085	4
	.460	.500	5,7	.560	.600	5,7	.660	.700	5,7	.860	.900	5,7
	.400 REF			.500 REF			.600 REF			.800 REF		
	.675	.685	4	.775	.785	4	.875	.885	4	1.075	1.085	4
	.460	.500	5,7	.560	.600	5,7	.660	.700	5,7	.860	.900	5,7
	.400 REF			.500 REF			.600 REF			.800 REF		
	.020	.030		.020	.030		.020	.030		.020	.030	
	68			84			100			132		

SYMBOL	VARIATIONS ALL DIMENSIONS IN MILLIMETERS											
	AA		NOTE	AB		NOTE	AC		NOTE	AD		NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A A ₁ D D ₁ D ₃ E E ₁ E ₃ L N	3.92	4.92		3.92	4.92		3.92	4.92		3.92	4.92	
	0.51	1.01		0.51	1.01		0.51	1.01		0.51	1.01	
	17.15	17.39	4	19.69	19.93	4	22.23	22.47	4	27.31	27.55	4
	11.69	12.70	5,7	14.23	15.24	5,7	16.77	17.78	5,7	21.85	22.86	5,7
	10.16 REF			12.70 REF			15.24 REF			20.32 REF		
	17.15	17.39		19.69	19.93		22.23	22.47		27.31	27.55	
	11.69	12.70	4	14.23	15.24	4	16.77	17.78	4	21.85	22.86	4
	10.16 REF		5,7	12.70 REF		5,7	15.24 REF		5,7	20.32 REF		5,7
	0.51	0.76		0.51	0.76		0.51	0.76		0.51	0.76	
	68			84			100			132		

SYMBOL	VARIATIONS ALL DIMENSIONS IN INCHES											
	AE		NOTE	AF		NOTE			NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	.154	.194		.154	.194							
A ₁	.020	.040		.020	.040							
D	1.275	1.285	4	1.475	1.485	4						
D ₁	1.060	1.100	5,7	1.260	1.300	5,7						
D ₃	1.000 REF			1.200 REF								
E	1.275	1.285	4	1.475	1.485	4						
E ₁	1.060	1.100	5,7	1.260	1.300	5,7						
E ₃	1.000 REF			1.200 REF								
L ₁	.020	.030		.020	.030							
N	164			196								

SYMBOL	VARIATIONS ALL DIMENSIONS IN MILLIMETERS											
	AE		NOTE	AF		NOTE			NOTE			NOTE
	MIN.	MAX.		MIN.	MAX.		MIN.	MAX.		MIN.	MAX.	
A	3.92	4.92		3.92	4.92							
A ₁	0.51	1.01		0.51	1.01							
D	32.39	32.63	4	37.47	37.71	4						
D ₁	26.93	27.94	5,7	32.01	33.02	5,7						
D ₃	25.40 REF			30.48 REF								
E	32.39	32.63		37.47	37.71							
E ₁	26.93	27.94	4	32.01	33.02	4						
E ₃	25.40 REF		5,7	30.48 REF		5,7						
L ₁	0.51	0.76		0.51	0.76							
N	164			196								

NOTES:

- 1 ALL DIMENSIONS AND TOLERANCES CONFORM TO ANSI Y14.5M-1982.
- 2 DATUM PLANE -H- IS LOCATED AT THE UNDERSIDE OF LEADS, WHERE LEADS EXIT PACKAGE BODY.
- 3 DATUMS A-B AND -D- TO BE DETERMINED WHERE CENTER LEADS EXIT PACKAGE BODY AT DATUM -H-.
- 4 TO BE DETERMINED AT SEATING PLANE -C-.
- 5 DIMENSIONS D_1 AND E_1 DEFINE MAXIMUM CERAMIC BODY DIMENSIONS INCLUDING GLASS PROTRUSION AND MISMATCH OF CERAMIC BODY TOP AND BOTTOM.
- 6 DETAILS OF PIN 1 IDENTIFIER ARE OPTIONAL, BUT MUST BE LOCATED WITHIN THE ZONES INDICATED.
- 7 THESE DIMENSIONS TO BE DETERMINED AT DATUM PLANE -H-.
- 8 CONTROLLING DIMENSION: INCH
- 9 THIS OUTLINE IS FOOTPRINT COMPATIBLE WITH THE .025 INCH PQFP ITEM MO-069. ALL BODY DIMENSIONS ARE IN COMMON WITH .050 INCH CQFP JEDEC ITEM 10-255. SOME FOOTPRINT DIMENSIONS ARE IN COMMON WITH .050 INCH PQFP JEDEC ITEM 11-231.