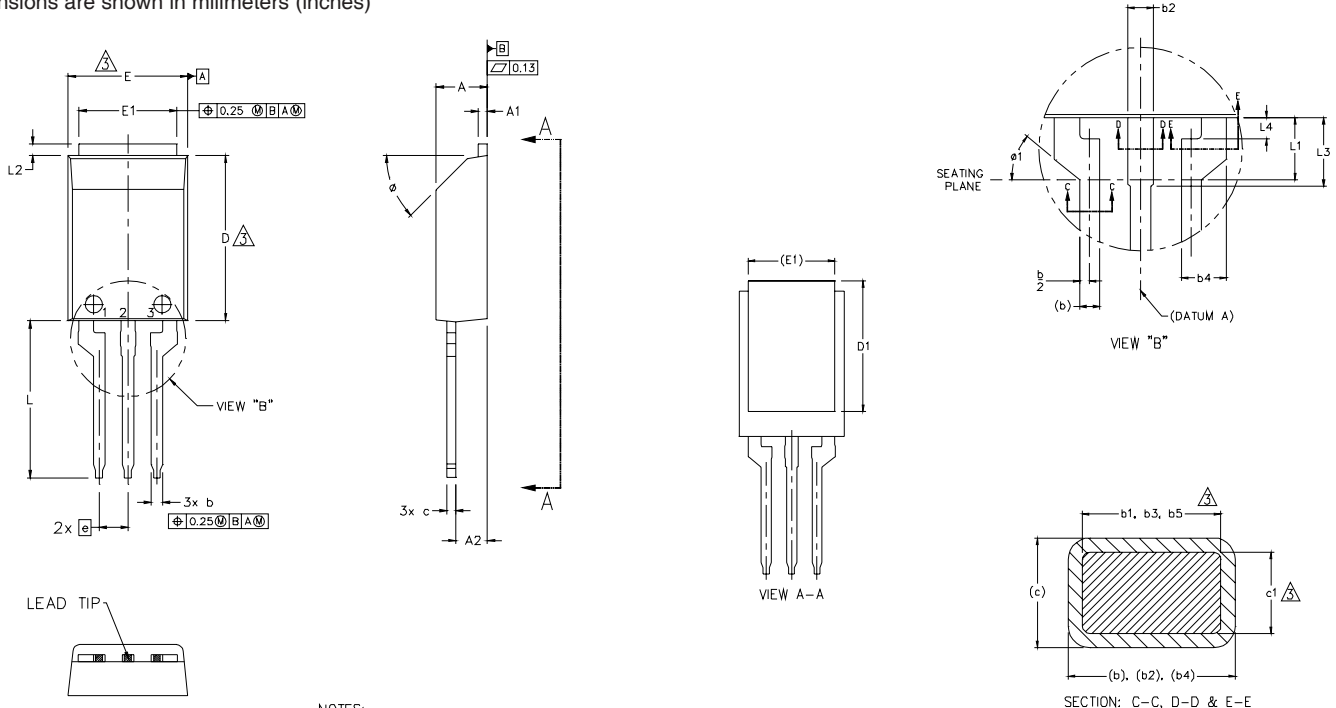


# Super-220 (TO-273AA) Package Outline

Dimensions are shown in millimeters (inches)



**NOTES:**

1. DIMENSIONING AND TOLERANCING AS PER ASME Y14.5M-1994
2. DIMENSIONS b1, b3, b5 & c1 APPLY TO BASE METAL ONLY.
3. DIMENSION D & E DO NOT INCLUDE MOLD FLASH. MOLD FLASH SHALL NOT EXCEED 0.127 [.005"] PER SIDE. THESE DIMENSIONS ARE MEASURED AT THE OUTER EXTREMES OF THE PLASTIC BODY.
- 4.- ALL DIMENSIONS SHOWN IN MILLIMETERS.
- 5.- CONTROLLING DIMENSION: MILLIMETER.
- 6.- OUTLINE CONFORMS TO JEDEC OUTLINE TO-273AA.

SYMBOL	DIMENSIONS				NOTES
	MILLIMETERS		INCHES		
	MIN.	MAX.	MIN.	MAX.	
A	4.00	5.00	.157	.197	
A1	0.50	1.00	.020	.039	
A2	2.50	3.00	.098	.118	
b	0.90	1.30	.035	.051	
b1	0.80	1.10	.031	.043	2
b2	1.25	1.65	.049	.065	
b3	1.10	1.55	.043	.061	2
b4	2.35	2.55	.093	.100	
b5	2.30	2.50	.091	.098	2
c	0.70	1.00	.028	.039	
c1	0.60	0.90	.024	.035	2
D	14.00	15.00	.0551	.591	3
D1	12.50	13.50	.492	.531	
E	10.00	11.00	.394	.433	3
E1	8.00	9.00	.315	.354	
e	2.55 BSC		.100 BSC		
L	13.00	14.50	.512	.571	
L1	3.00	3.50	.118	.138	
L2	0.50	1.50	.020	.059	
L3	3.50	4.00	.138	.157	
L4	-	1.50	-	.059	
φ	42.5*	47.5*	42.5*	47.5*	
φ1	-	42.5*	-	42.5*	

LEAD ASSIGNMENTS

MOSFET

- 1.- GATE
- 2.- DRAIN
- 3.- SOURCE
- 4.- DRAIN

IGBT

- 1.- GATE
- 2.- COLLECTOR
- 3.- EMITTER
- 4.- COLLECTOR