

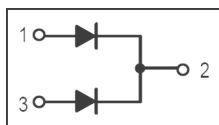
/ Descriptions

TO-220

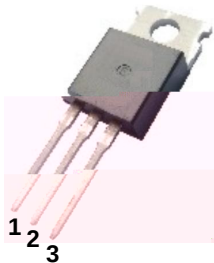
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking

/ Absolute Maximum Ratings(Ta=25)

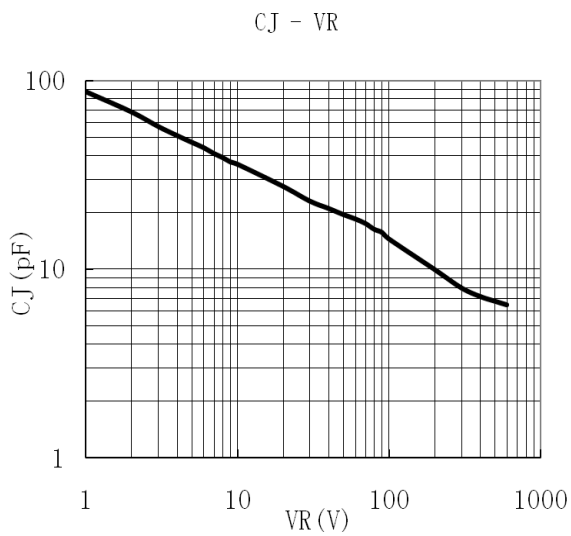
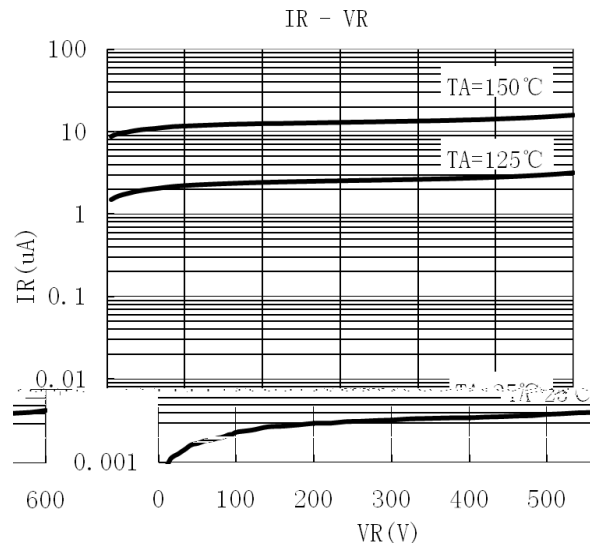
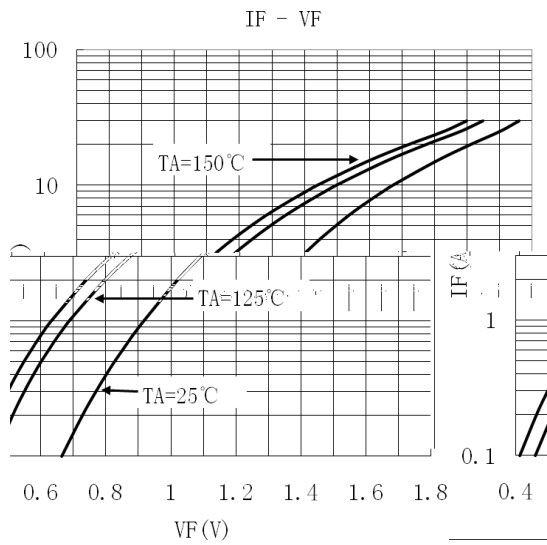
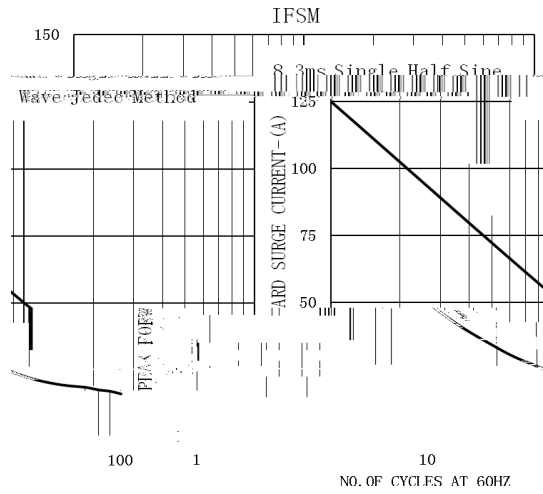
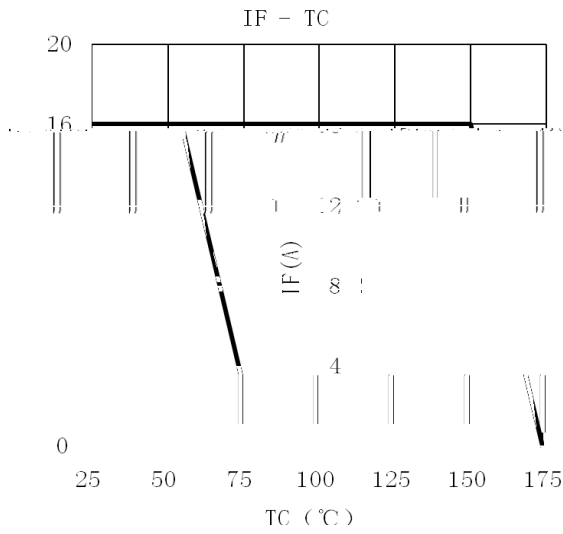
	θ		℃
			℃

/ Electrical Characteristics(Ta=25)

						μ
						μ

1.

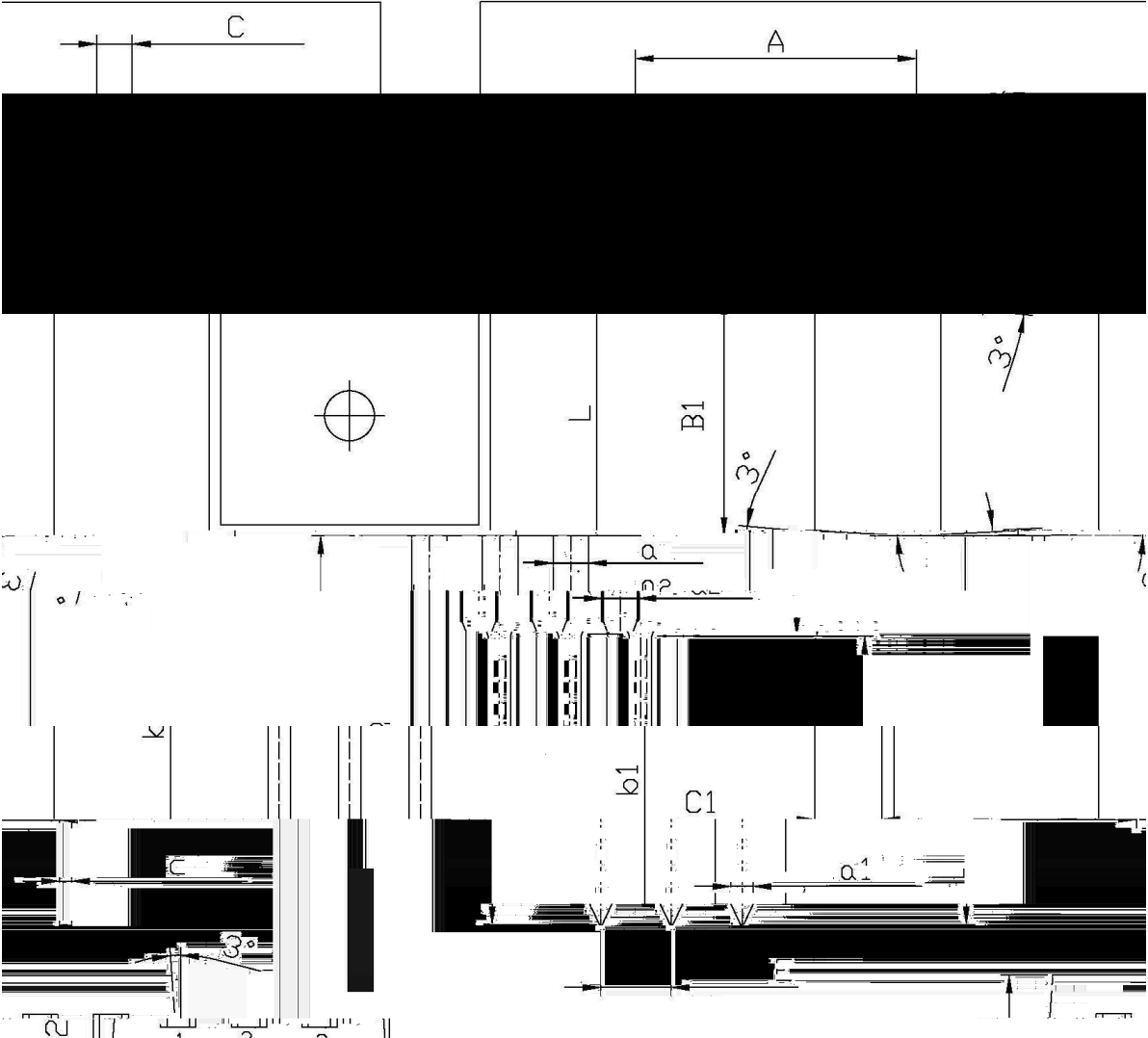
/ Electrical Characteristic Curve



/ Package Dimensions

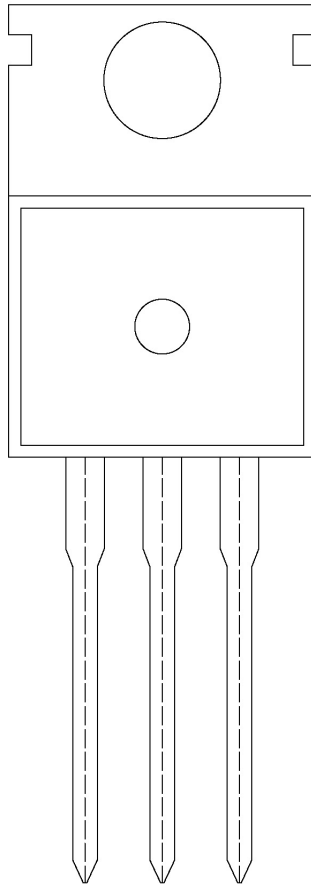
单位: mm

TO-220



DIMENSIONS IN MILLIMETERS			DIMENSIONS IN INCHES		
Symbol	Min	Max	Symbol	Min	Max
A	16.1	16.5	A	0.634	0.650
B1	9.0	9.4	B1	0.354	0.370
C	1.32	1.45	C	0.052	0.057
L	1.25	1.45	L	0.049	0.057
a	0.4	0.6	a	0.016	0.024
b1	0.2	0.3	b1	0.008	0.012
C1	0.2	0.3	C1	0.008	0.012
a1	0.2	0.3	a1	0.008	0.012
k	0.2	0.3	k	0.008	0.012

/ Marking Instructions



BR

MUR1660

CT:

:

Figure 1 is a line graph showing the temperature profile of a sample during the annealing process. The y-axis represents Temperature (°C) from 0 to 300, and the x-axis represents Time (sec) from 0 to 220. The profile shows a slow ramp up from 20°C at 20 sec to 115°C at 115 sec, a rapid rise to a plateau at $255 \pm 5^\circ\text{C}$ between 130 and 135 sec, and a subsequent cooling phase. Key time intervals are marked: 86 ~ 100 sec for the slow ramp, and 5 ± 0.5 sec for the plateau duration.

 $\pm$ $\pm$ $\pm$ $\pm$ $\pm$ $\pm$

°C

6 6