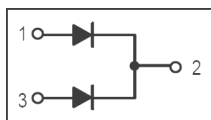


/ Descriptions

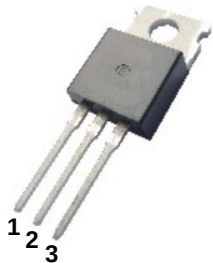
/ Features

/ Applications

/ Equivalent Circuit

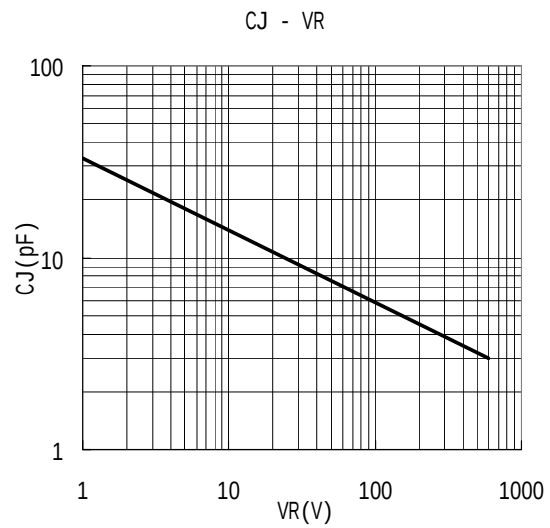
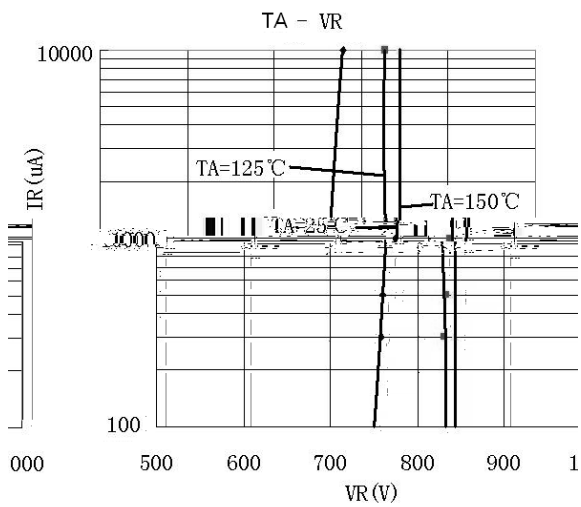
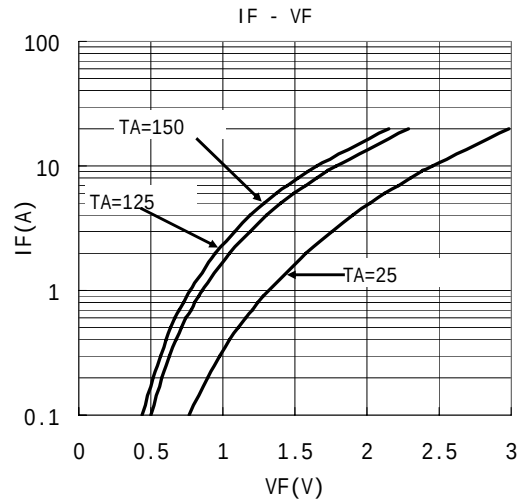
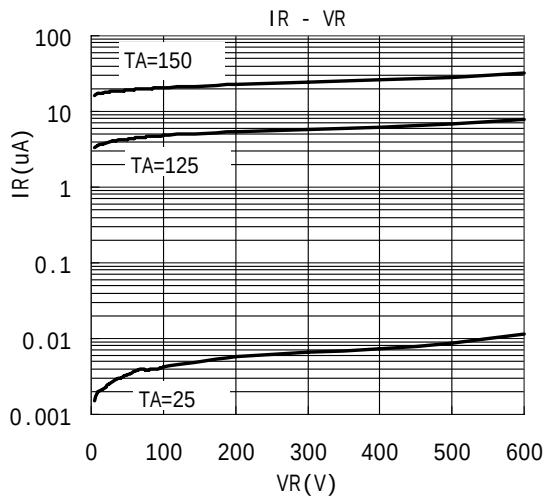
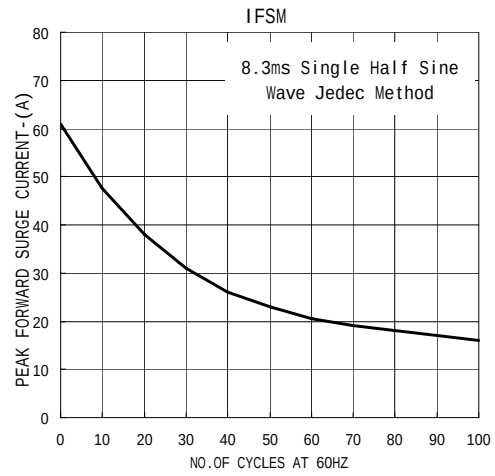
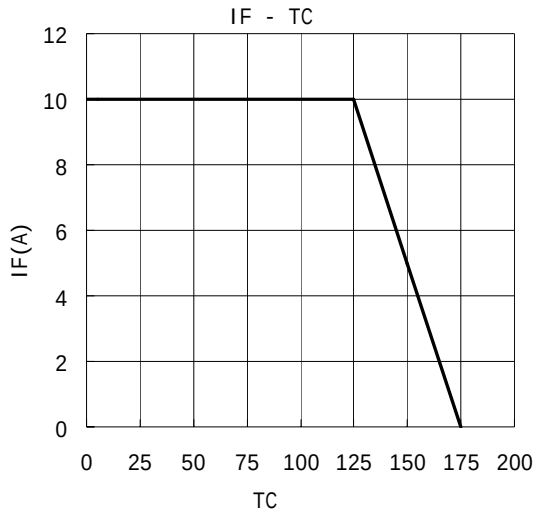


/ Pinning



/ h_{FE} Classifications & Marking

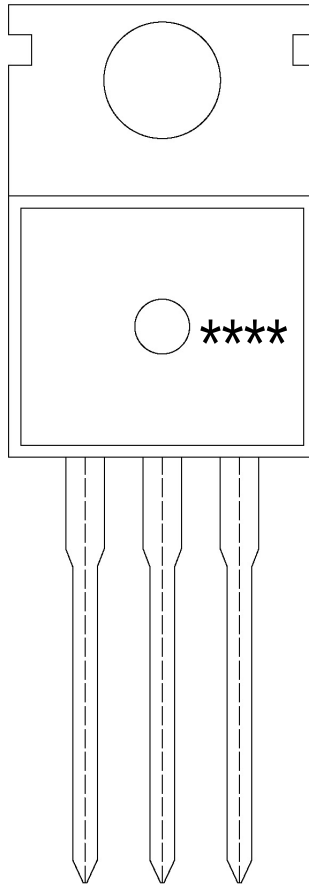
/ Electrical Characteristic Curve



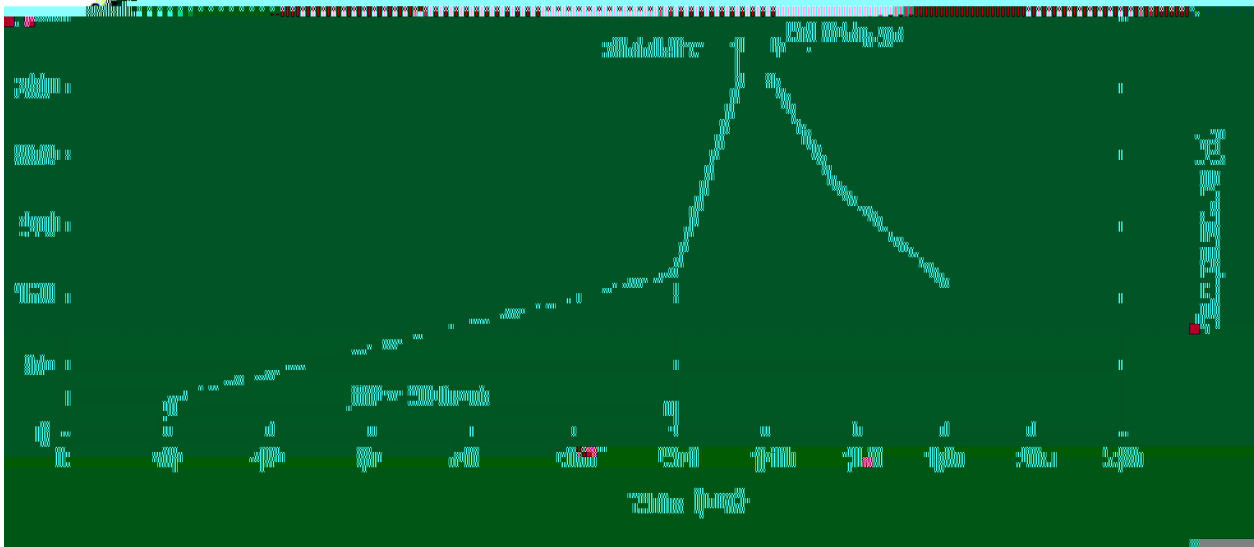
Technical drawing of a mechanical part, likely a bracket or support, showing dimensions in millimeters. The drawing includes a top view and a side view. Key dimensions are labeled: A (total width), B1 (height of the main body), C (width of the base), L (length of the base), k (height of the base), b1 (width of the base), and C1 (width of the base). The drawing also shows a 3° angle and a 3° angle. The table below provides the minimum and maximum values for these dimensions.

DIMENSIONS IN MILLIMETERS			DIMENSIONS IN MILLIMETERS		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B1	3.550	3.64	C1	6.30	6.7
L	16.1	15.7	k	1.32	1.22
b1	1.32	1.22	C1	1.25	0.2

/ Marking Instructions



() / Temperature Profile for Dip Soldering(Pb-Free)



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices