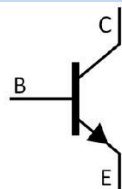


/ Descriptions

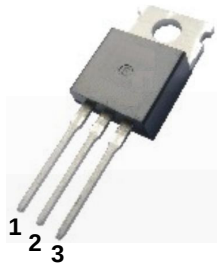
/ Features

/ Applications

/ Equivalent Circuit



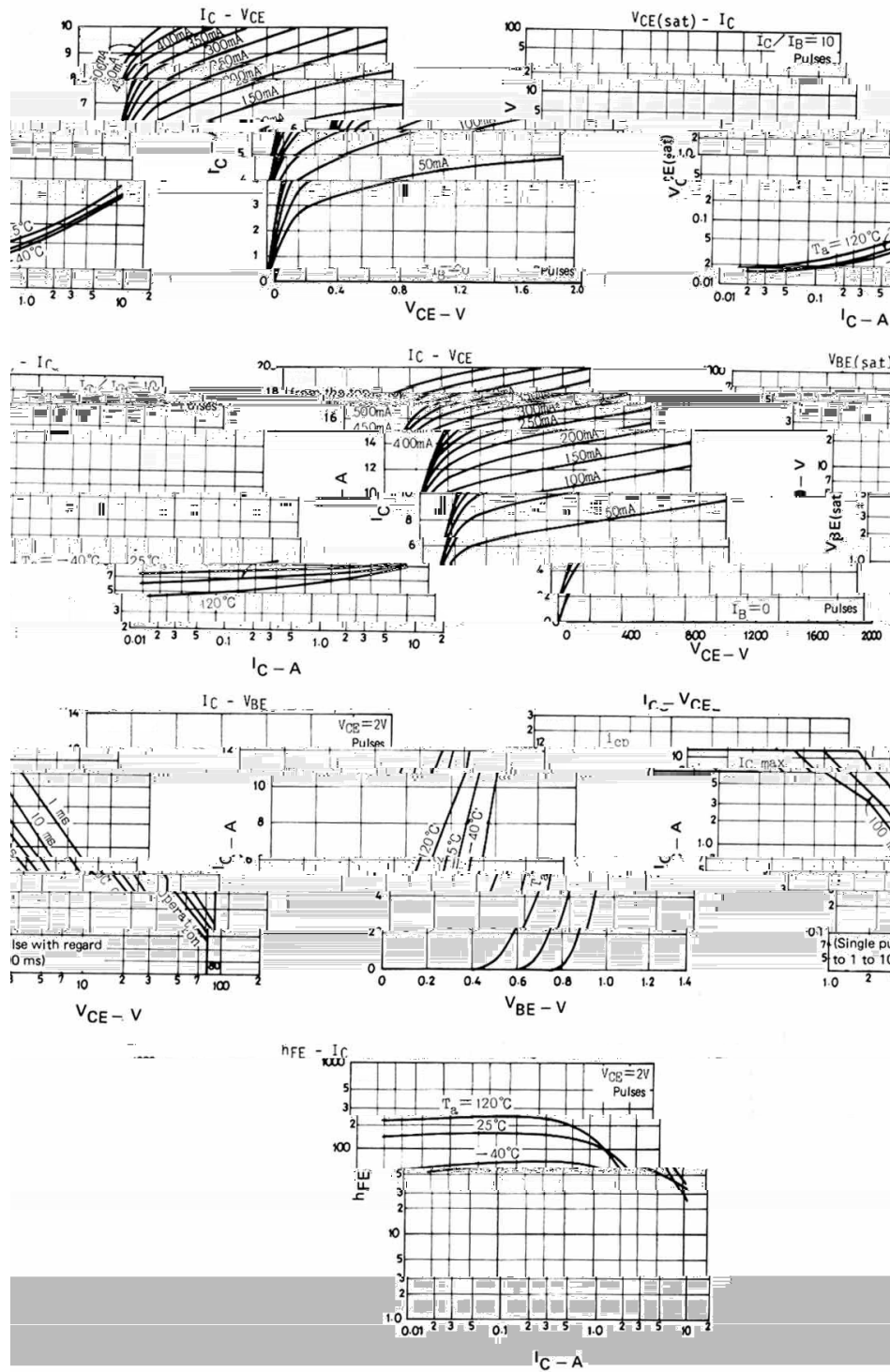
/ Pinning



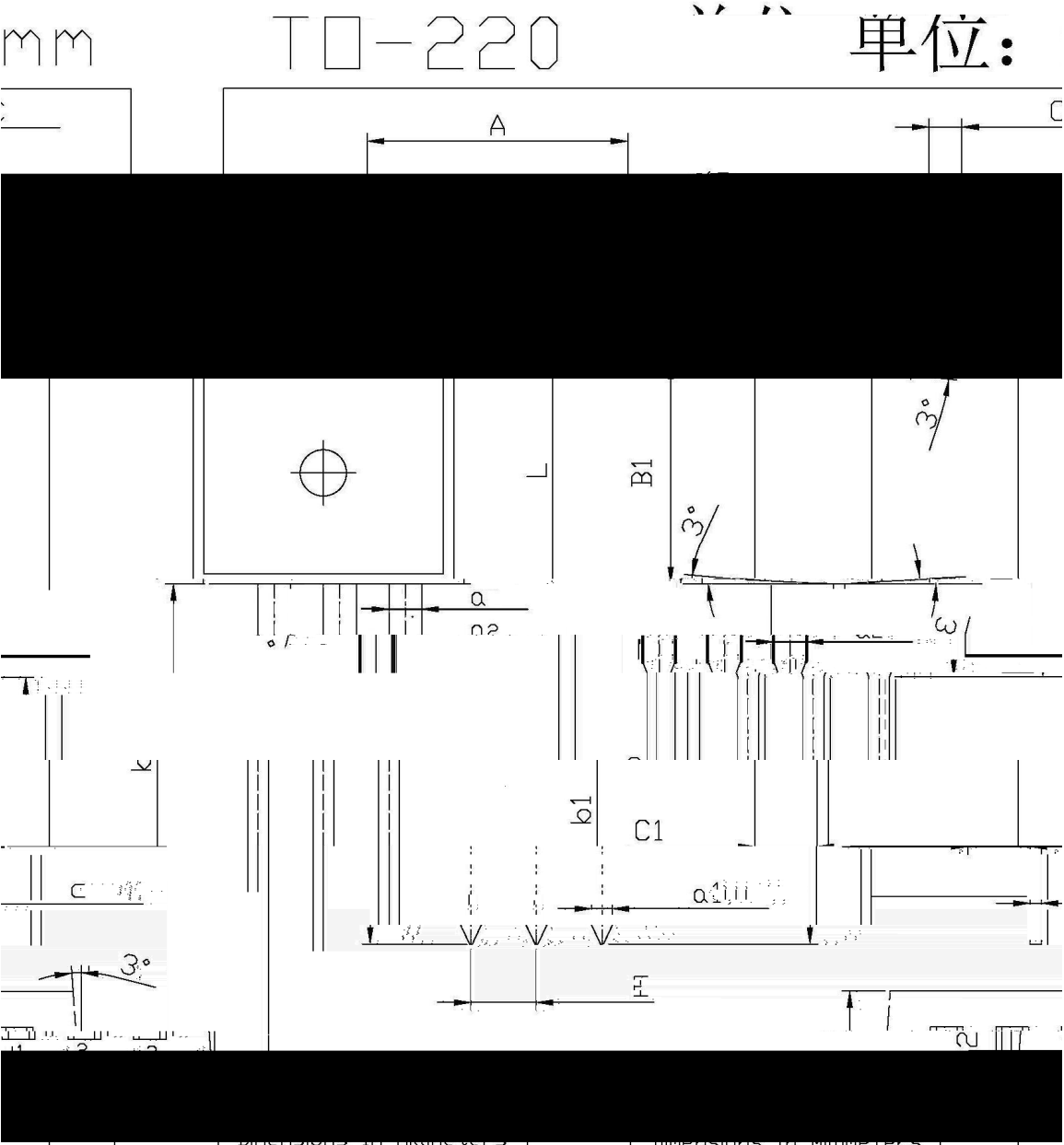
/ h_{FE} Classifications & Marking

	℃		℃

/ Electrical Characteristic Curve

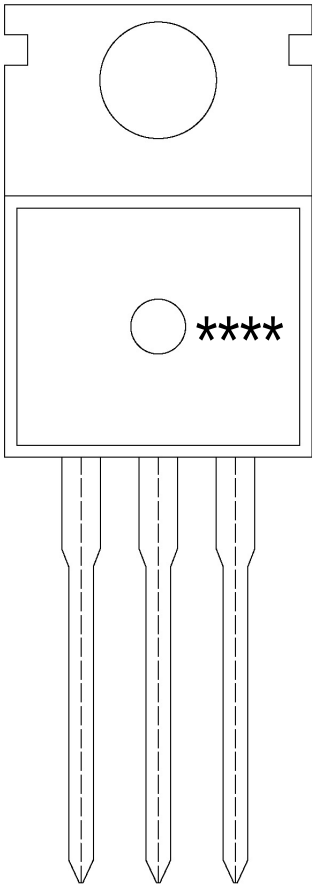


/ Package Dimensions

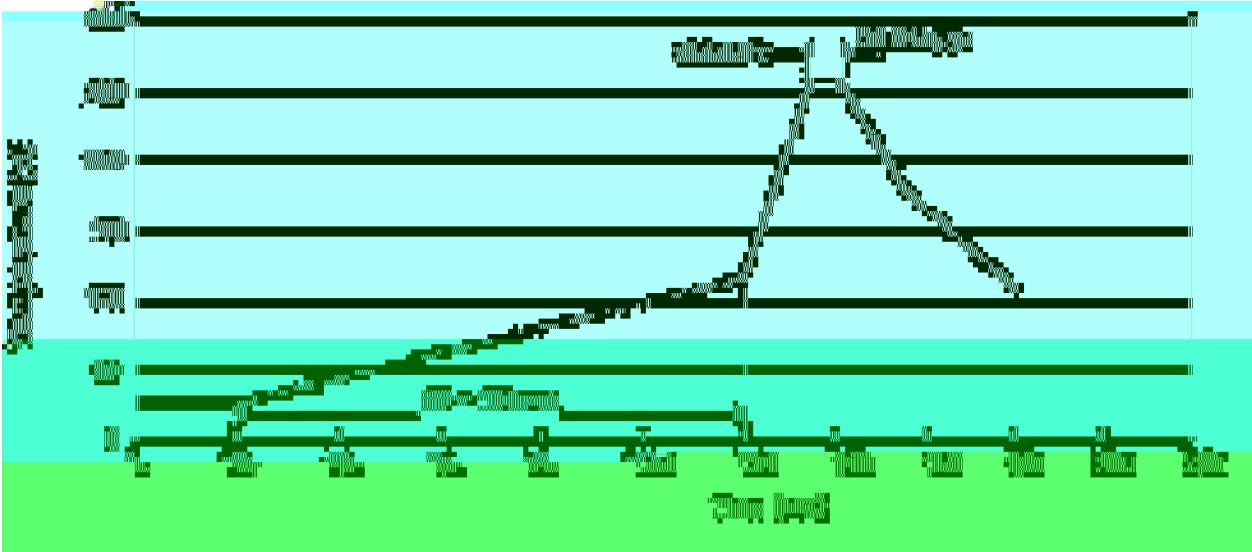


Symbol	Dimensions in Millimeters		Symbol	Dimensions in Millimeters	
	Min	Max		Min	Max
A	9.8	10.2	C	1.2	1.4
B1	9.0	9.4	C1	0.2	0.3
b1	12.6	13.0	a1	0.7	0.9
a2	0.4	0.6	a	1.2	1.4
a1	0.2	0.3	a	1.2	1.4
a2	0.2	0.3	a	1.2	1.4

/ 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