

/ Descriptions

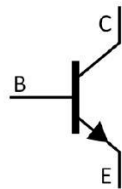
TO-220 NPN

/ Features

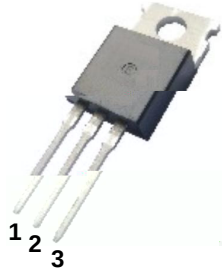
C-B $V_{CBO}=150V$ $I_C=5A$

/ Applications

/ Equivalent Circuit



/ Pinning

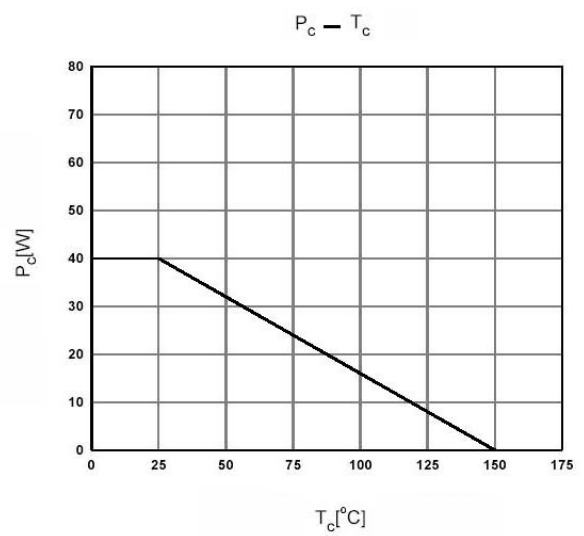
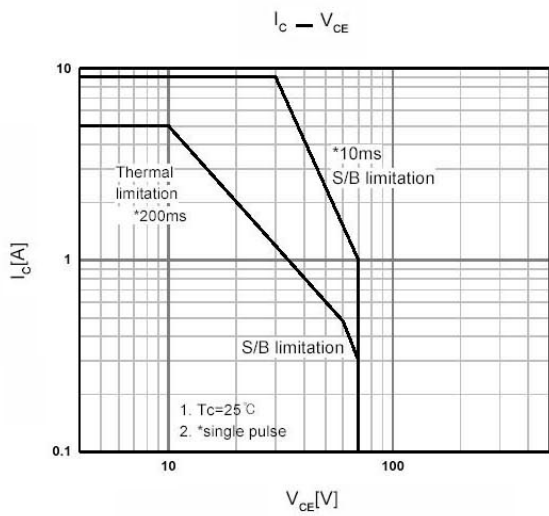
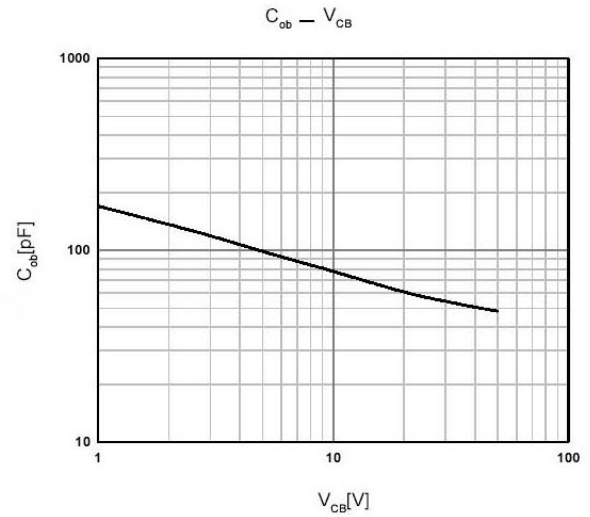
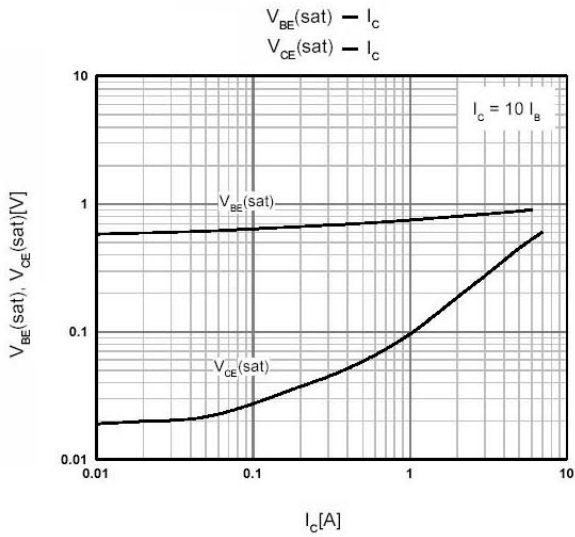
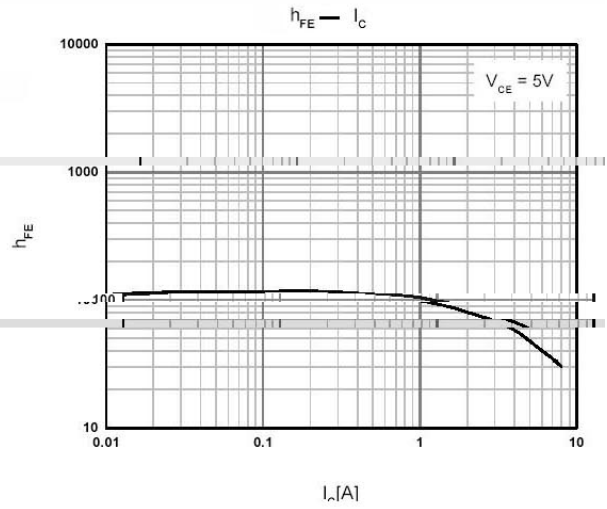
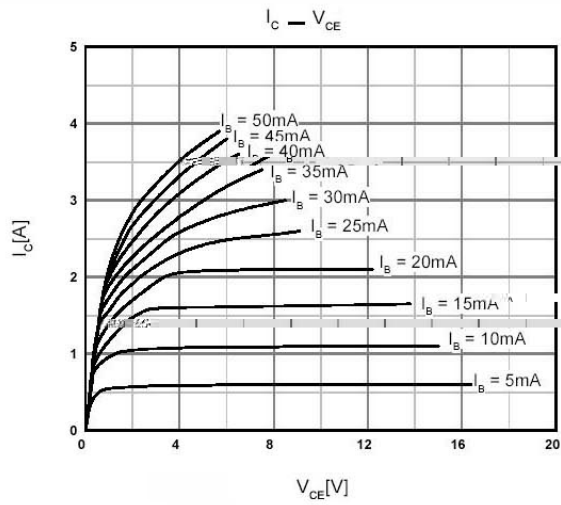


/ h_{FE} Classifications & Marking

/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristics(Ta=25)

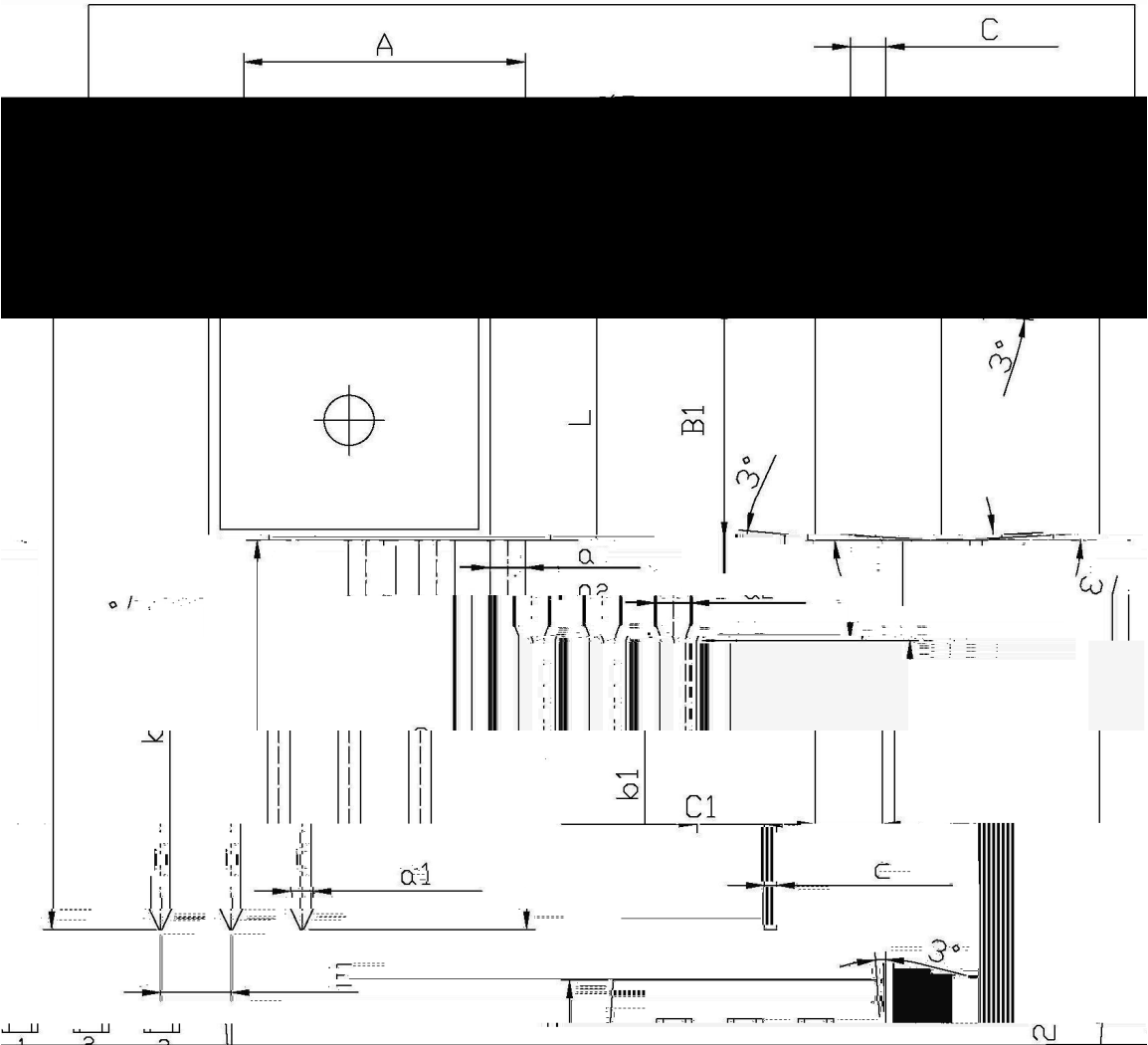
Electrical Characteristic Curve



/ Package Dimensions

TO-220

单位: mm

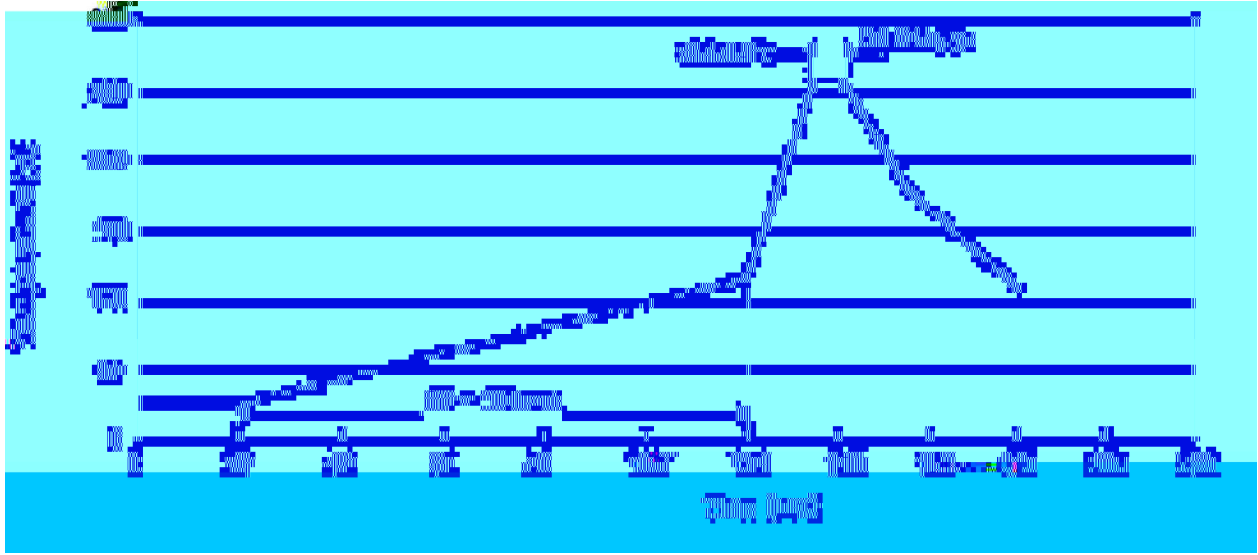


Dimensions in Millimeters			Dimensions in Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B	3.56	3.64	B1	6.3	6.7
a	1.22	1.32	a1	0.7	0.9
b1	0.96	1.06	C1	0.7	0.9
a2	1.25	1.45			

/ Marking Instructions



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

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/ Resistance to Soldering Heat Test Conditions

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/ Packaging SPEC.

封装形式	包装数量					包装尺寸		
	Units/Bag 只/袋	Bags/Inner Box 袋/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Bag 袋	Inner Box 盒	Outer Box 箱
TO-220/F	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

封装形式	包装数量					包装尺寸		
	Units/Tube 只/套管	Tubes/Inner Box 套管/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Tube 套管	Inner Box 盒	Outer Box 箱
TO-220/F	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices