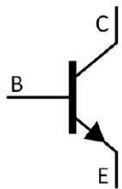


/ Descriptions

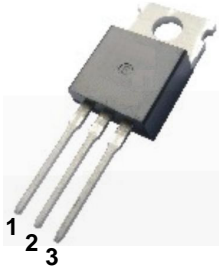
/ Features

/ Applications

/ Equivalent Circuit

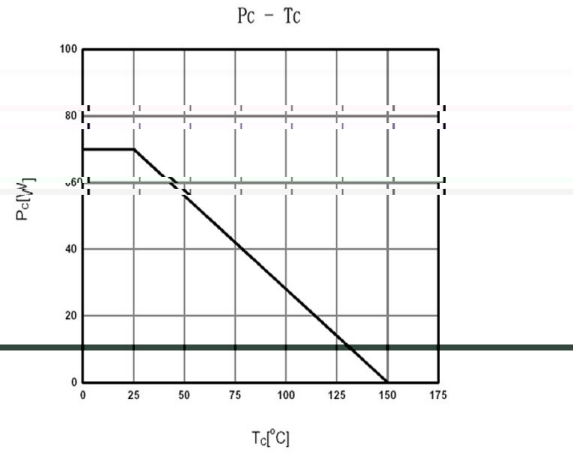
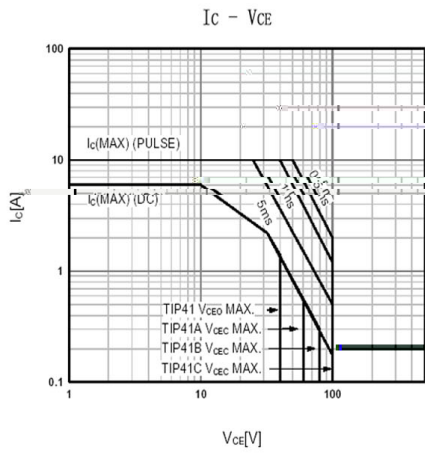
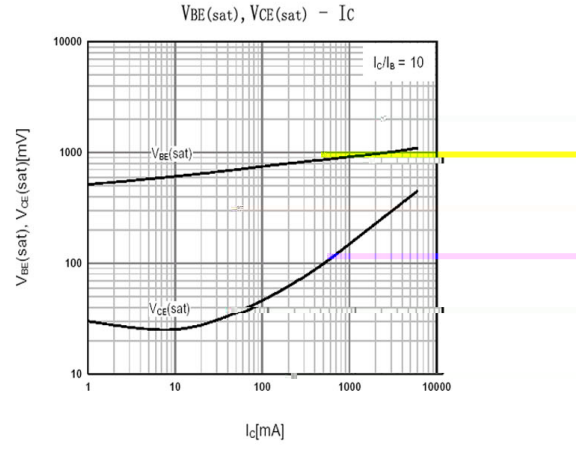
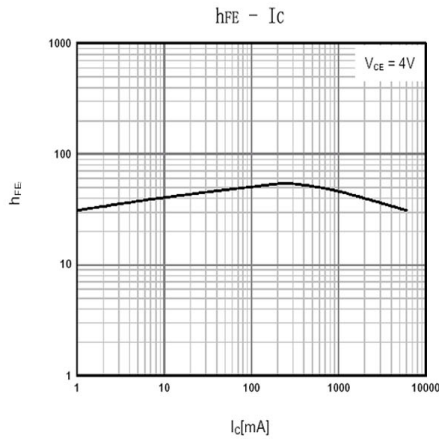


/ Pinning



/ h_{FE} Classifications & Marking

/ Electrical Characteristic Curve

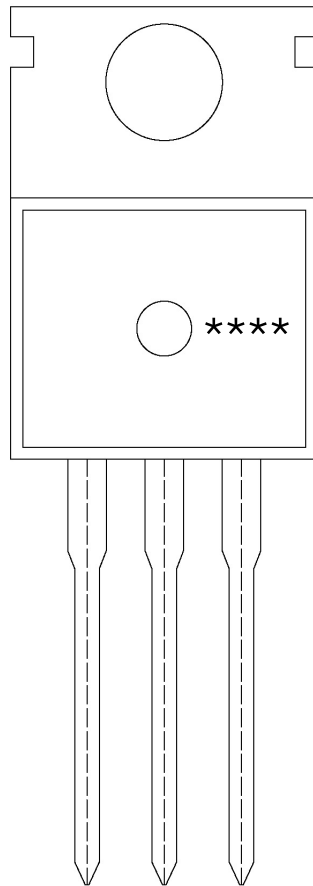


/ Package Dimensions



Symbol	Dimensions in Millimeters		Symbol	Dimensions in Millimeters	
	Min	Max		Min	Max
A	9.8	10.2	C	1.2	1.4
B	3.56	3.64	B1	6.3	6.7
B1	9.0	9.4	L	15.7	16.1
C	2.2	2.6	L1	12.6	13.0
C1	0.7	0.9	L2	9.6	10.0
L	1.32	1.45	q	0.4	0.6
L1	1.2	1.4	q1	1.22	1.3
L2	1.2	1.4	q2	2.2	2.5
k	5	11.45	ω	0.2	1.2

/ Marking Instructions



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



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

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

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

/ Notices