/ Descriptions

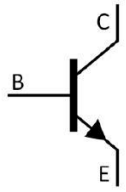
TO-251 NPN

/ Features

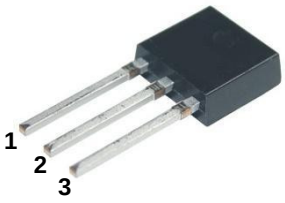
, KTA1042I

/ Applications

/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking

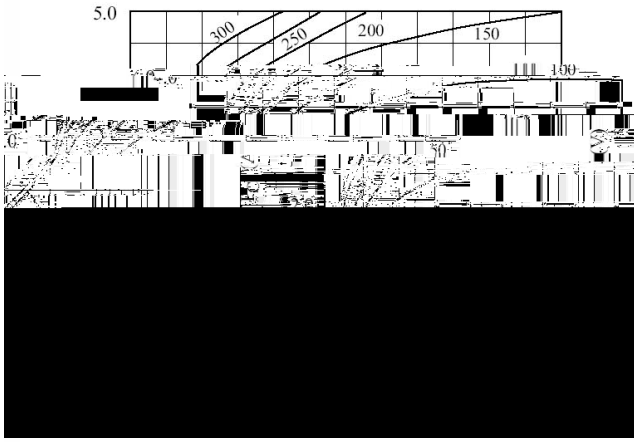
/ Absolute Maximum Ratings(Ta=25)

			℃
			℃

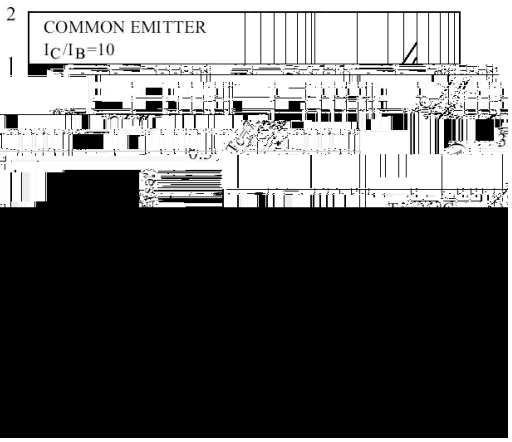
/ Electrical Characteristics(Ta=25)

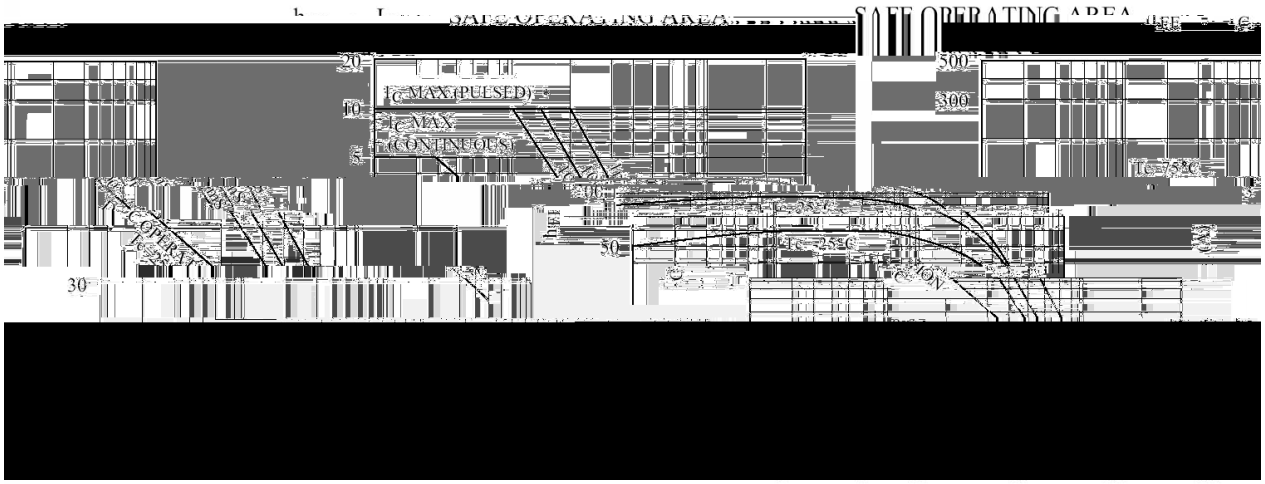
/ Electrical Characteristic Curve

I_C - V_{CE}

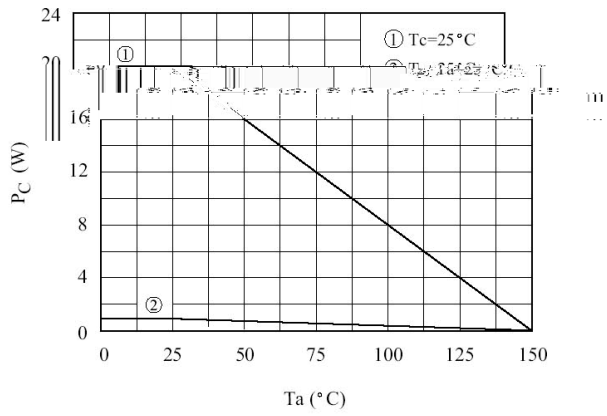


$V_{CE(sat)}$ - I_C



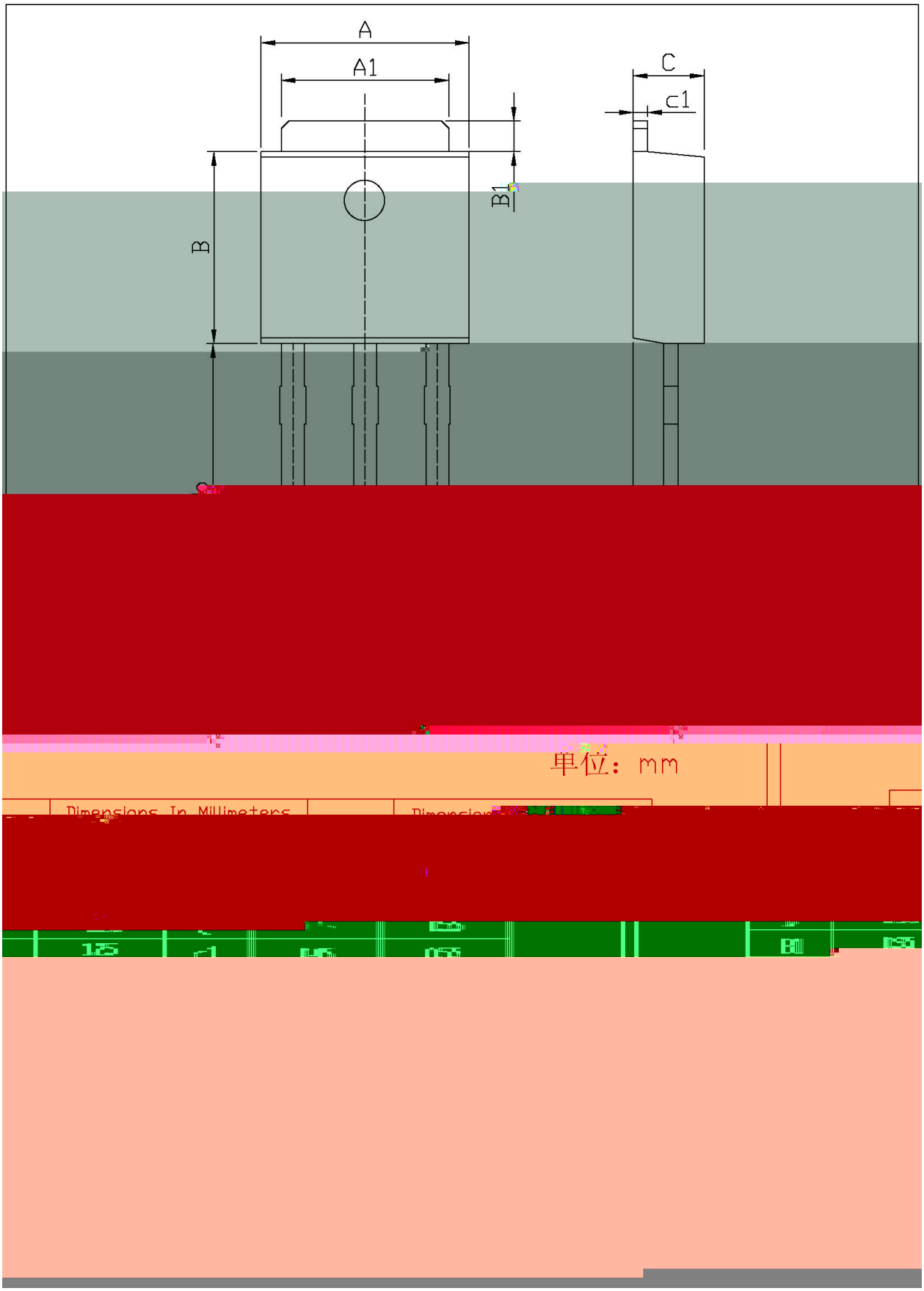


Pc - Ta

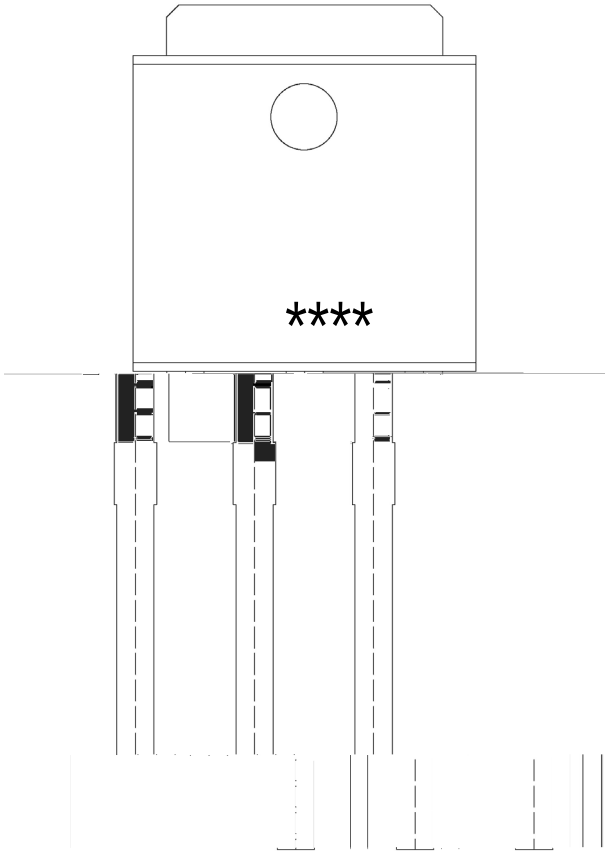


V_{CE} (V)

/ Package Dimensions



/ Marking Instructions



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Y: h_{FE}

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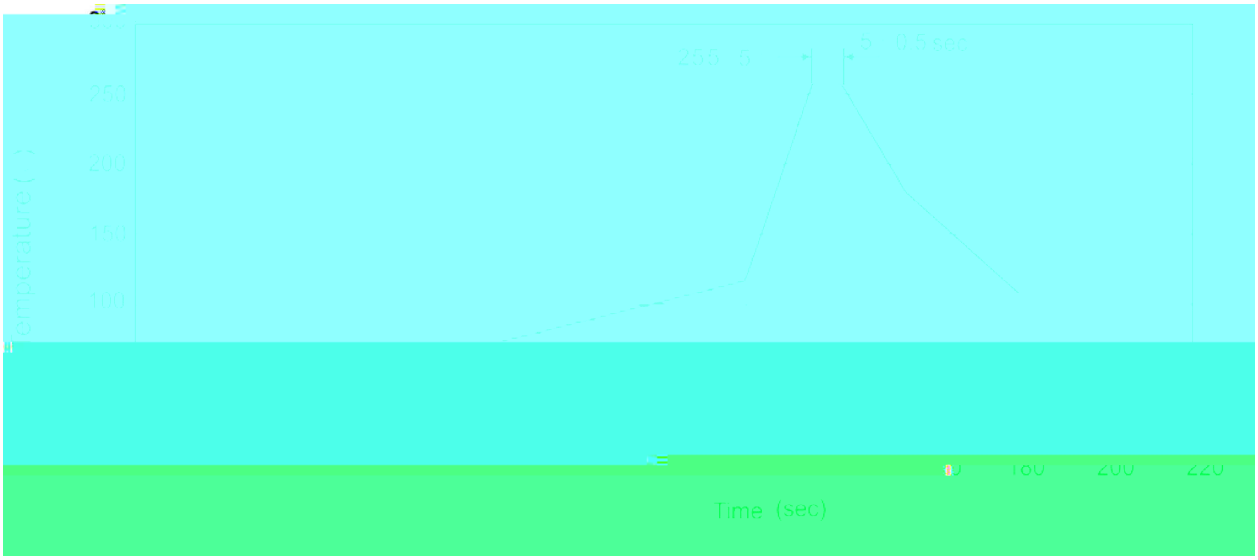
( ) / Temperature Profile for Dip Soldering(Pb-Free)



± ± ± ±

/ 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-251	1,000	10	10,000	5	50,000	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-251/252	75	48	3,600	5	18,000	526×20.5×5.25	555×164×50	575×290×180

/ Notices