/ Descriptions

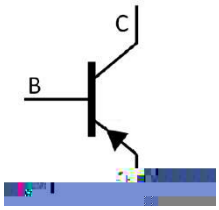
SOT-89 PNP

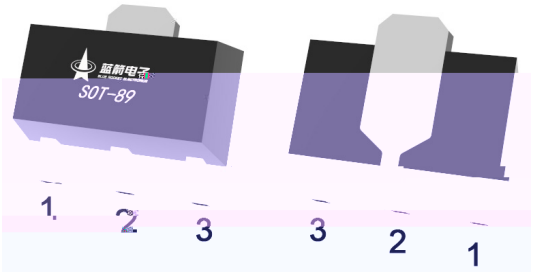
BR2SD2010TAQ AEC-Q101

MOSFETs IGBTs

Emergency Lighting Circuits,Motor Driving (Including DC Fans),Backlight Inverters,Power Switches,Gate Driving MOSFETs and IGBTs

/ Equivalent Circuit





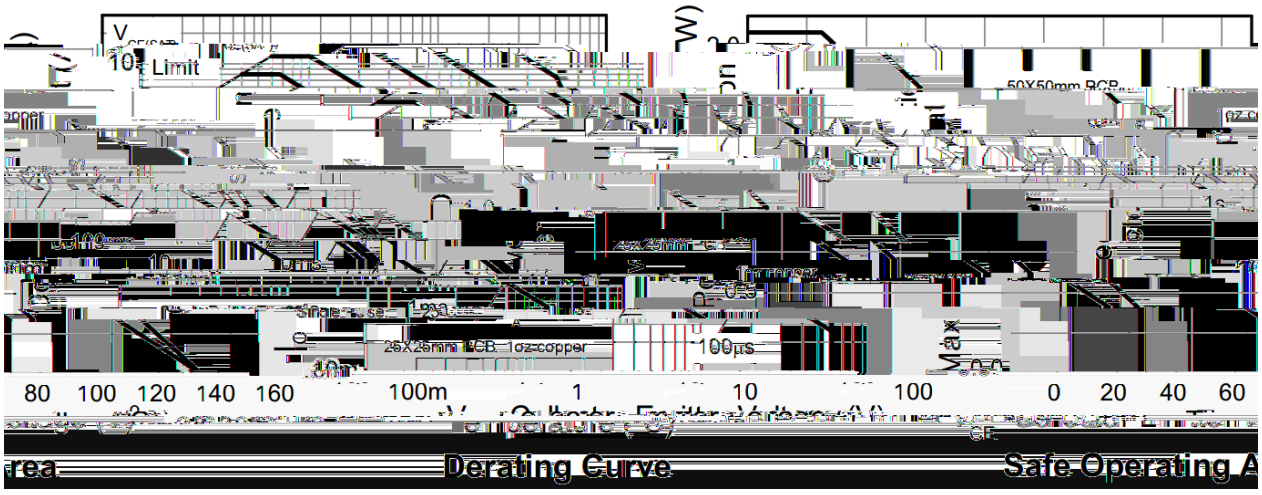
/ h_{FE} Classifications & Marking

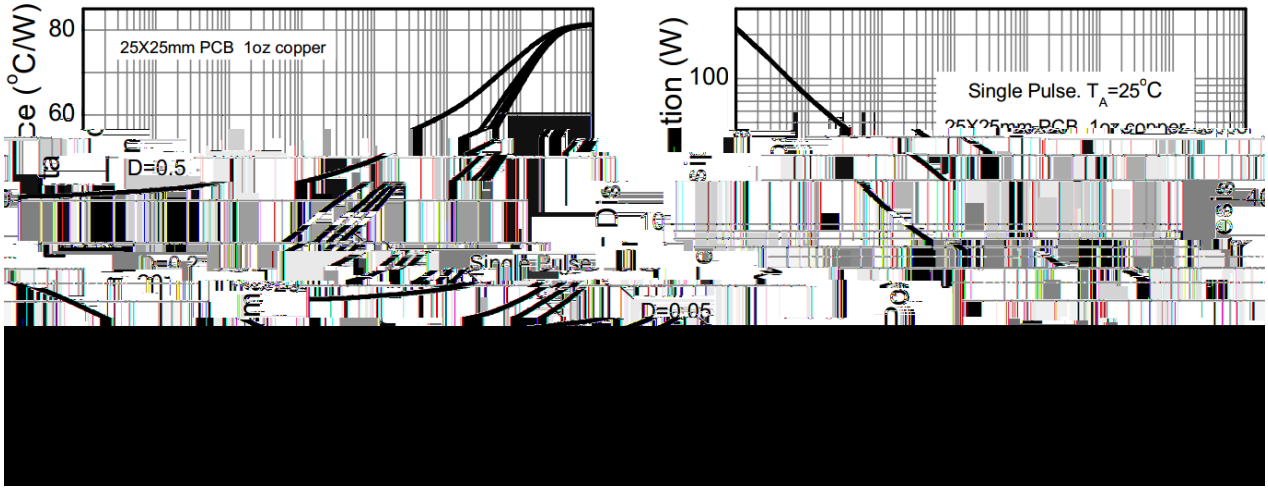
	θ		
	θ		

		μ				

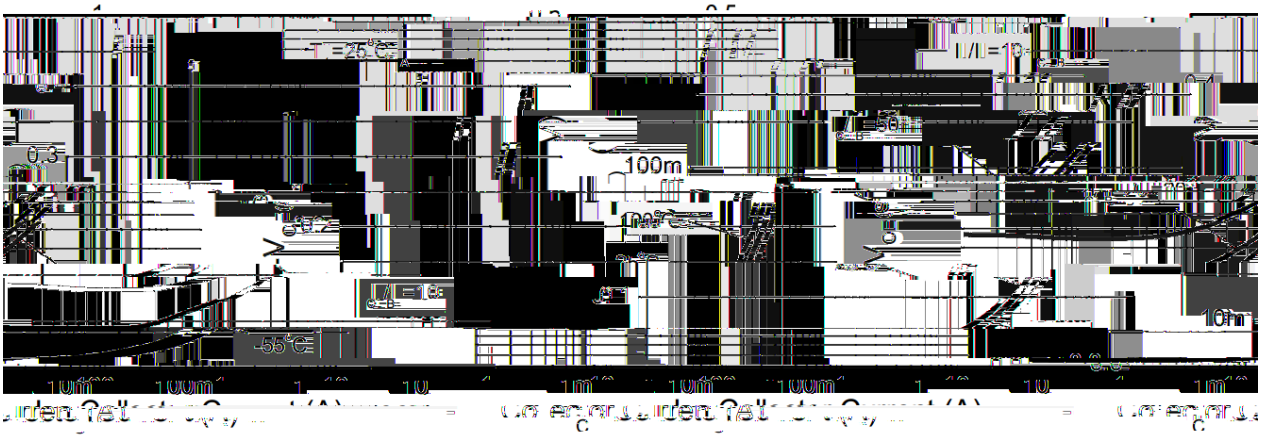
μ

/ Thermal Characteristics and Derating Information

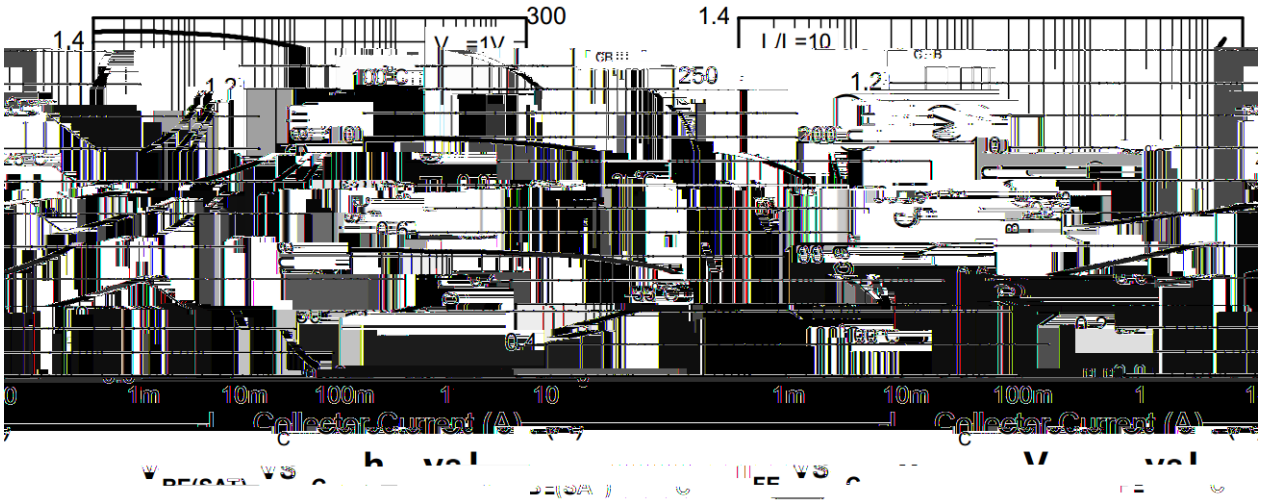


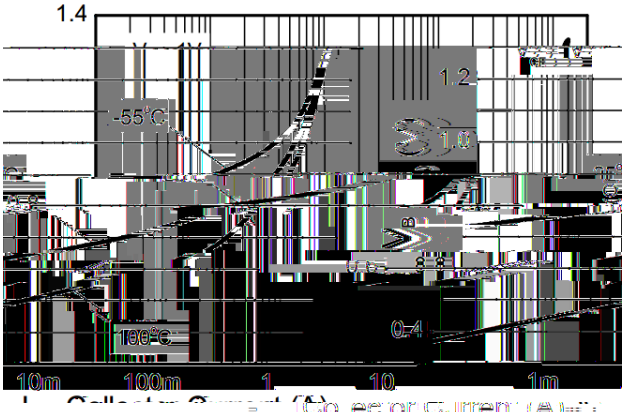


/ Electrical Characteristic Curve



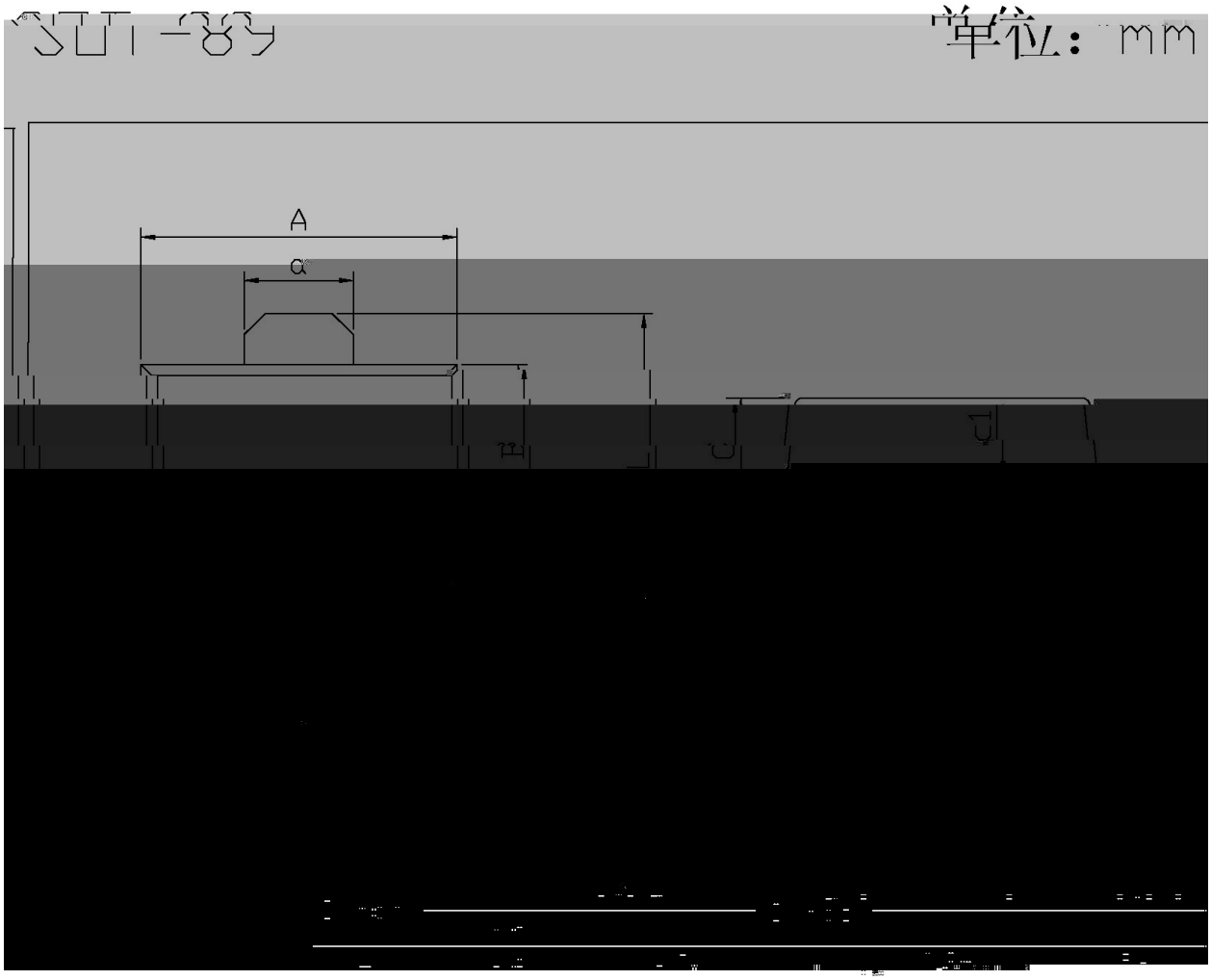
$V_{CE(SAT)}$ vs I_C $V_{CE(SAT)}$ vs I_C



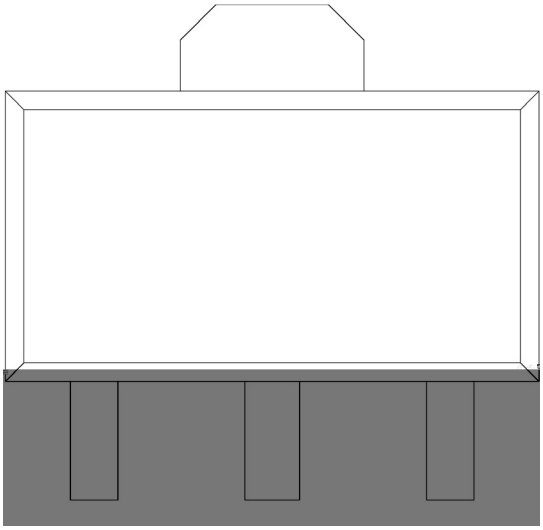


$V_{BE(ON)}$ vs I_C

/ Package Dimensions



/ Marking Instructions



Q

951

**

( ) / Temperature Profile for IR Reflow Soldering(Pb-Free)

± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.