

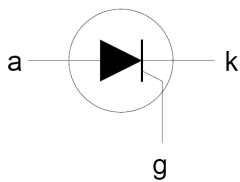
/ Descriptions

TO-220

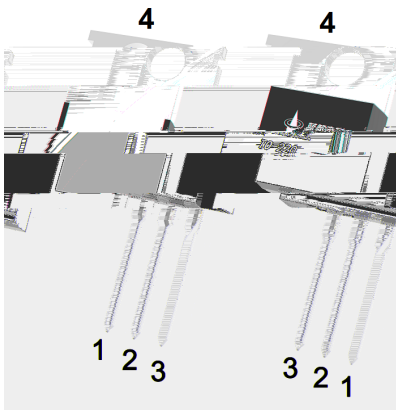
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

≤ °C			
°C			
°C			
		~	
		~	

/ Electrical Characteristic Curve

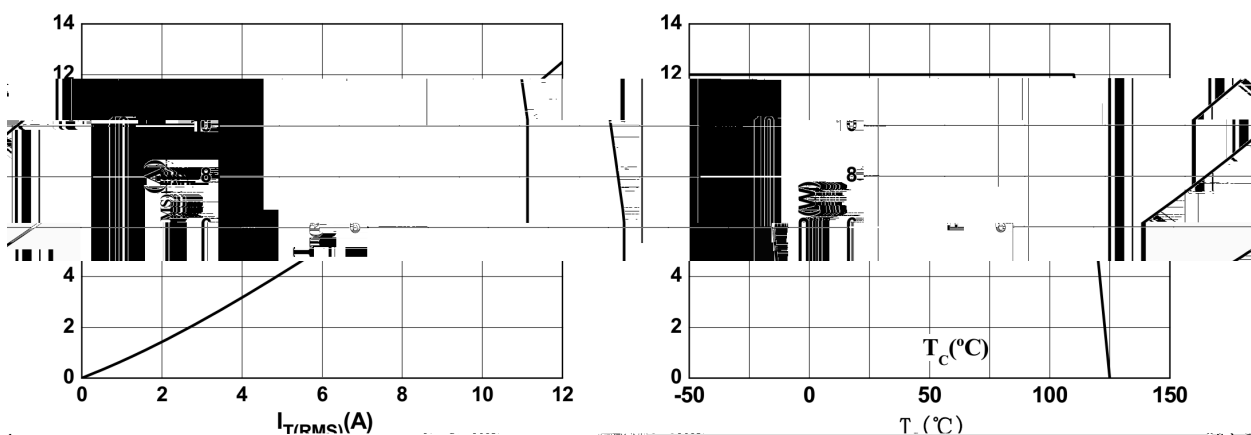


FIG.1: Maximum power dissipation P_{Dmax} (W) versus RMS on-state current $I_{T(RMS)}$ (A).
 FIG.2: RMS on-state current $I_{T(RMS)}$ (A) versus junction temperature T_j (°C).

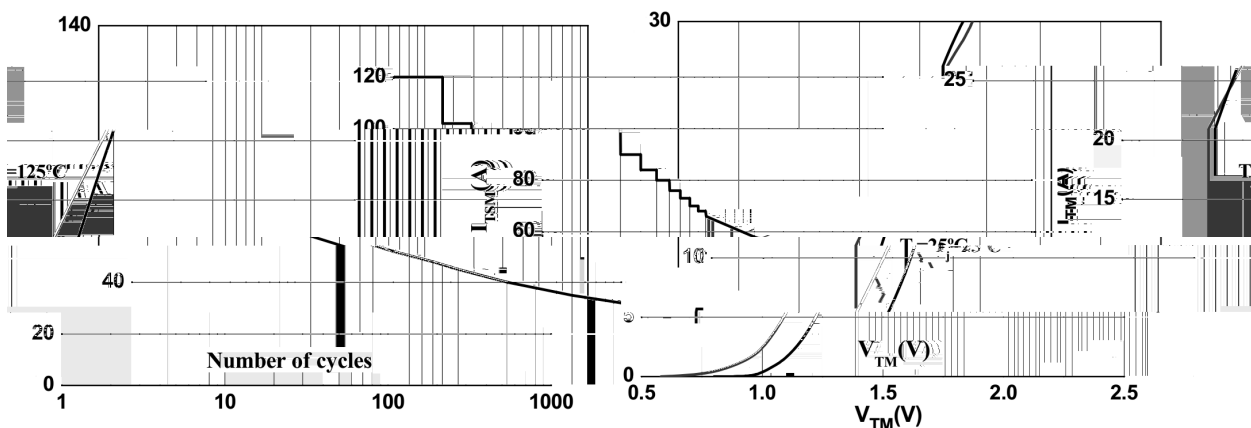


FIG.3: Surge peak on-state current I_{TSM} (A) versus number of cycles.

FIG.4: On-state characteristics

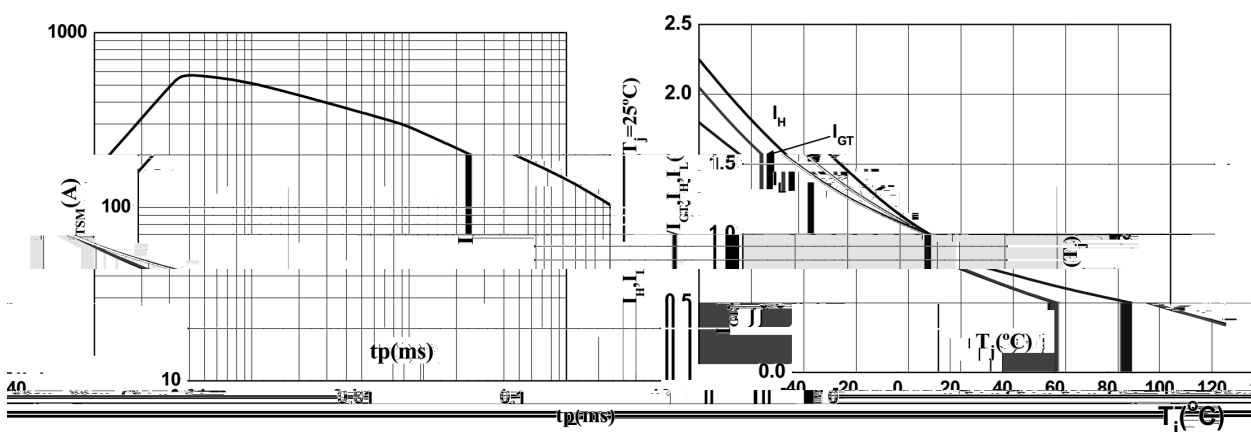
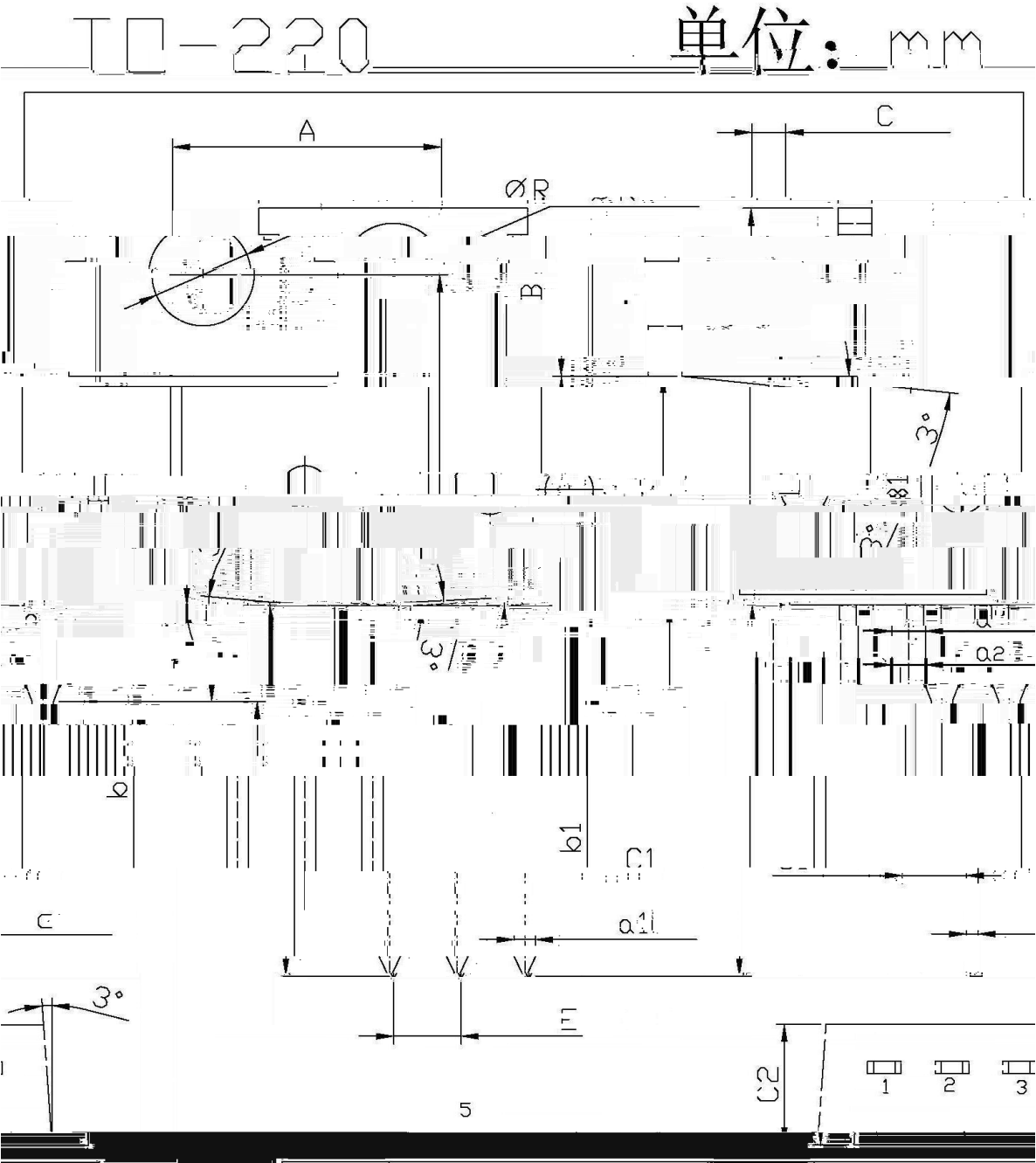


FIG.5: Non-repetitive surge peak on-state current I_{TSM} (A) versus pulse width t_p (ms).

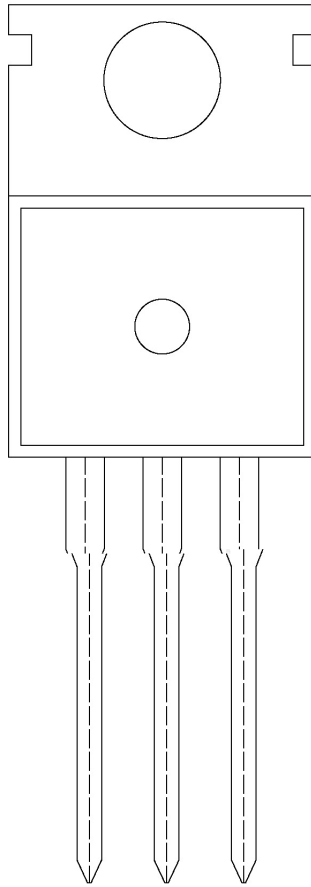
FIG.6: Relative variations of current, holding current and I_{GT} versus junction temperature T_j (°C).

/ Package Dimensions



Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
R	3.56	3.64	B	6.3	6.7
L	15.7	16.1	B1	9.0	9.4
b	12.6	13.0	C1	2.2	2.6

/ Marking Instructions



BR

BS08065

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	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box