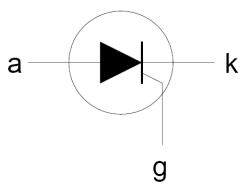
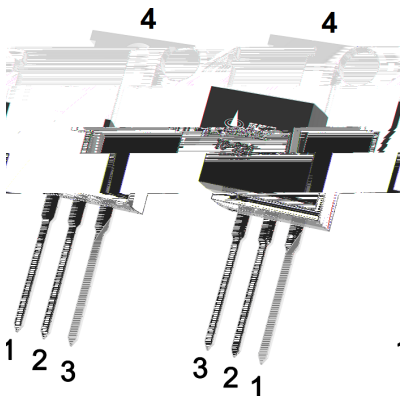


/ Descriptions

TO-220

/ Features**/ Applications****/ Equivalent Circuit****/ Pinning****/ Marking**

≤ °C			
°C			
°C			
		~	
		~	

/ Electrical Characteristic Curve

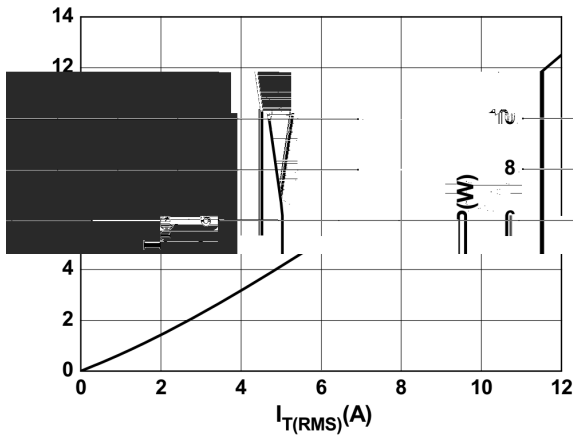


FIG.1 Maximum power dissipation versus RMS on-state current

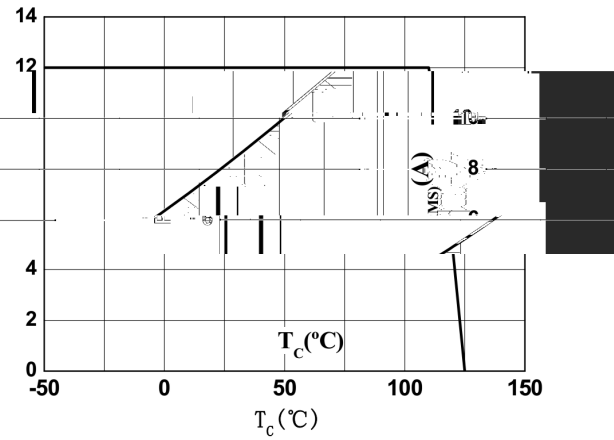


FIG.2: RMS on-state current versus case temperature

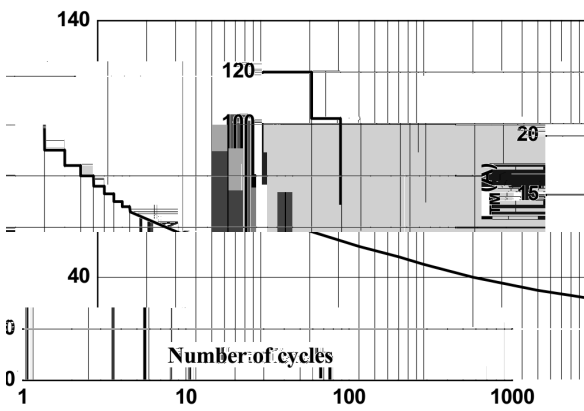


FIG.3: Surge peak on-state current versus number of cycles

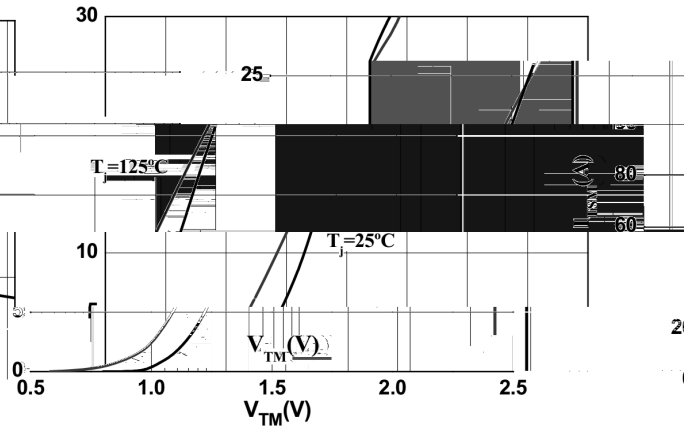


FIG.4: On-state characteristics

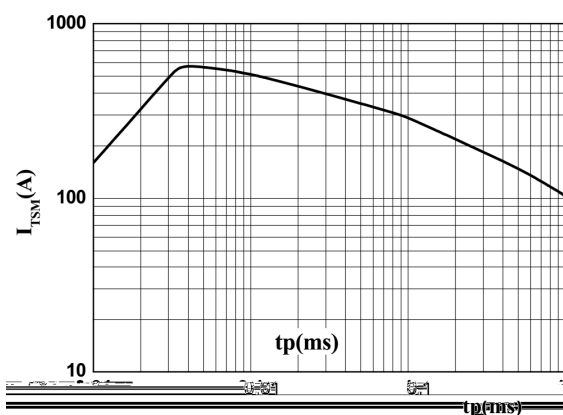
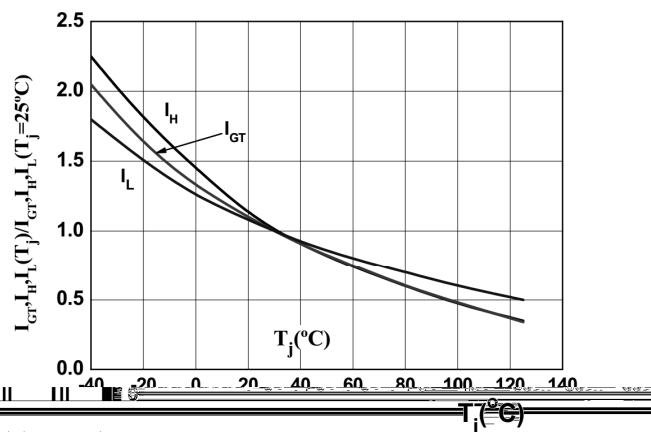
FIG.5: Non-repetitive surge peak on-state current for a sinusoidal pulse with width $t_p < 20\text{ms}$, and corresponding value of I_2t ($di/dt < 100\text{A}/\mu\text{s}$)

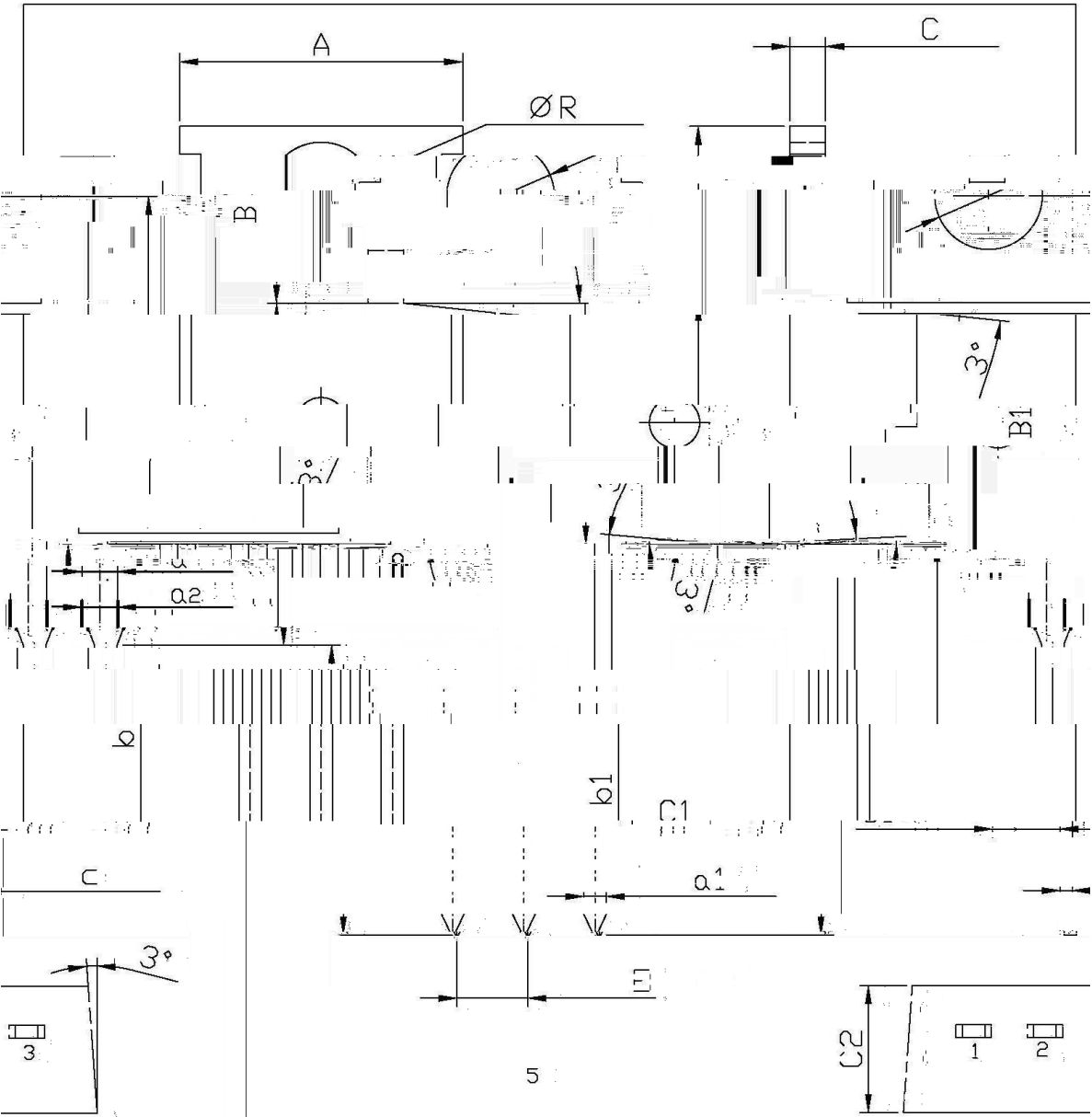
FIG.6: Relative variations of gate trigger current, holding current and latching current versus junction temperature

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/ Package Dimensions

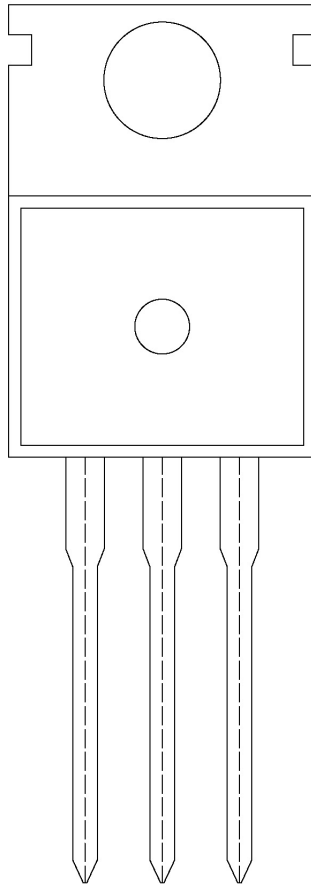
TQ-220

单位: mm



Dimensions In Millimeters				Dimensions In Millimeters			
Max	Symbol	Min		Max	Symbol	Min	
1.4	A	0.8		10.2	C	4.2	
6.7	R	3.56		3.64	B	6.3	
9.4		15.7		16.1	B1	9.0	
2.6	b	2.6		13.6	C2	2.2	

/ Marking Instructions



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