BRBS08065RA

DATA SHEET

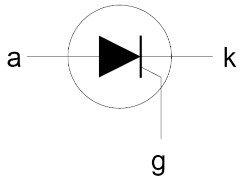
/ Descriptions

/ Features

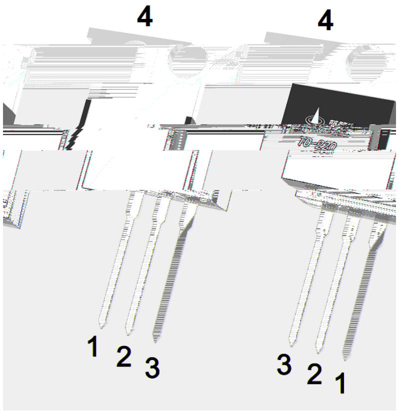
/ Applications

,

/ Equivalent Circuit



/ Pinning



/ Marking

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/ Electrical Characteristic Curve

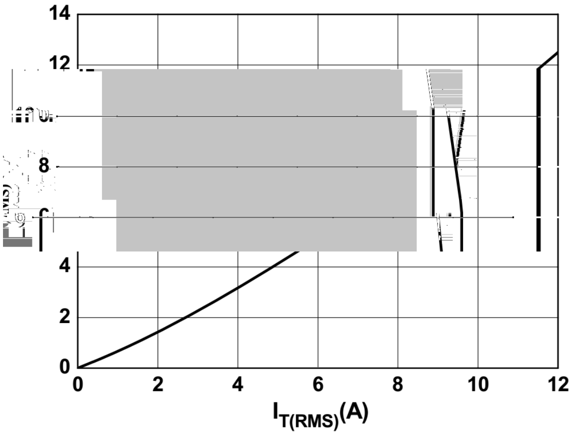

FIG.1 Maximum power dissipation versus RMS on-state current

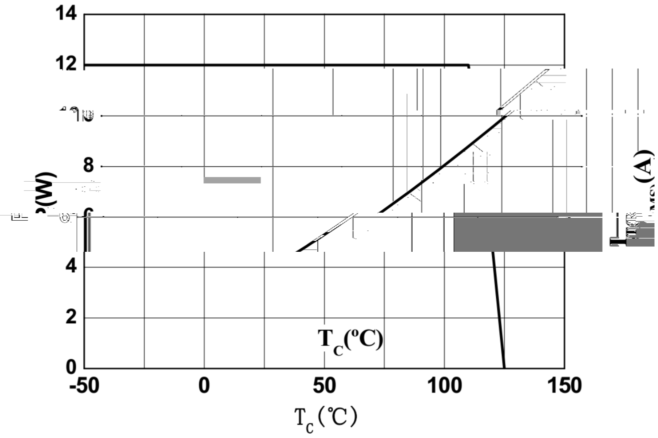

FIG.2: RMS on-state current versus case temperature

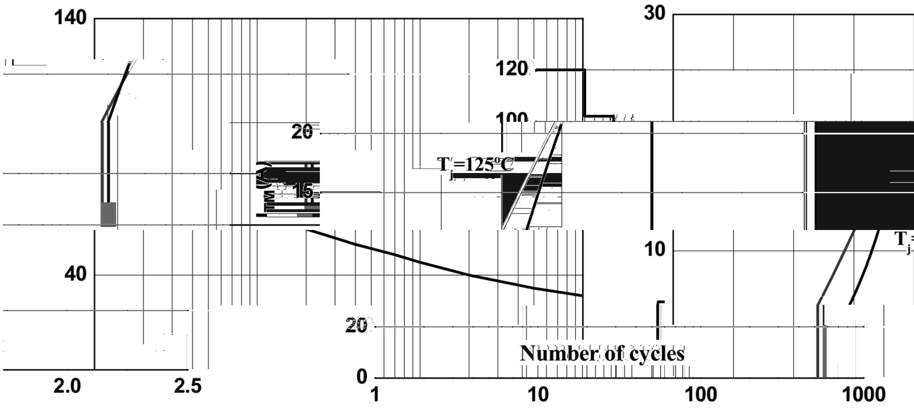

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FIG.3: Surge peak on-state current versus number of cycles

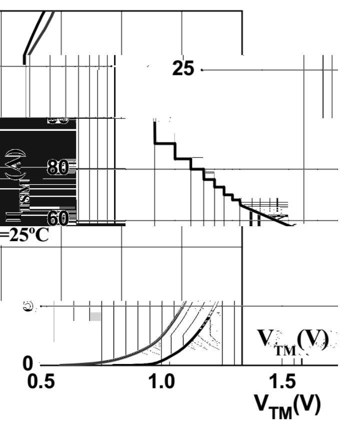

FIG.4: On-state chara

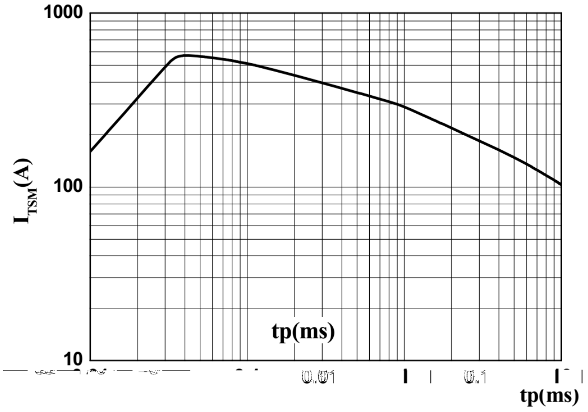

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FIG.5: Non-repetitive surge peak on-state current for a sinusoidal pulse with width tp<20ms, and corresponding value of I2t (dI/dt< 100A/µs)

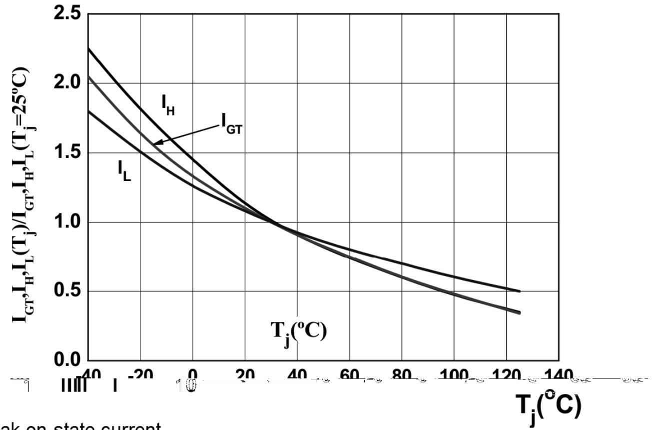
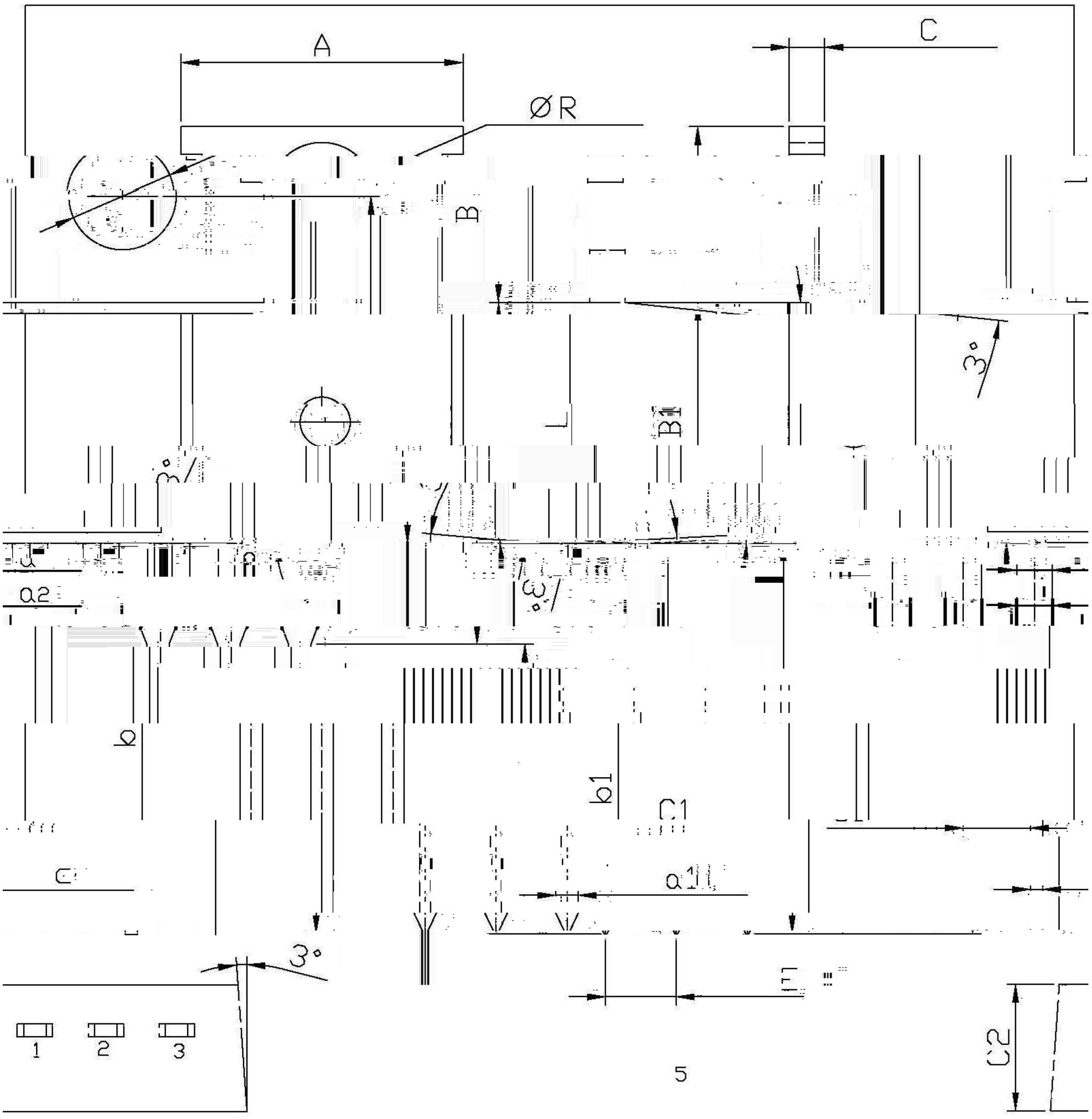


FIG.6: Relative variations of ga current, holding current and latch versus junction temperatur

/ Package Dimensions

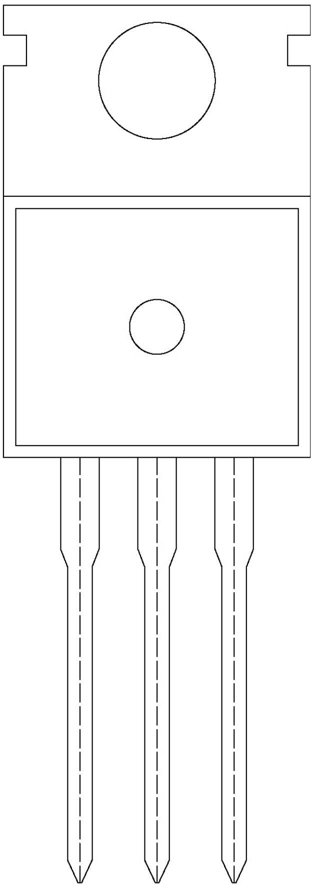
TO-220 单位：mm



Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		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	13.6	C1	2.2	2.6

[redacted]

/ Marking Instructions



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

/ Resistance to Soldering Heat Test Conditions

℃

/ Packaging SPEC.
