

BRM1Q~BRM7Q

/ Descriptions

50V~1000V 1.0A SMA

/ Features

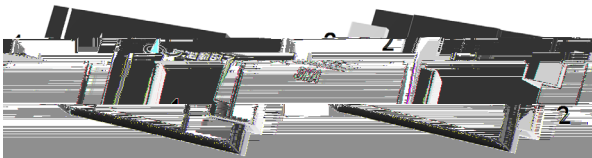
RoHS 2011/65/EU AEC-Q101

/ Applications

/ Equivalent Circuit

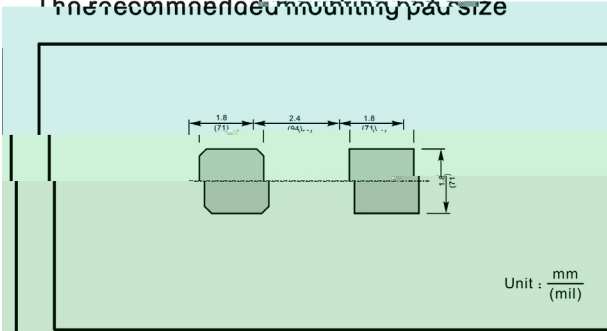


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



/ Marking

/ Absolute Maximum Ratings(Ta=25)

		30							
		60							
≤	≤	3.7							
	θ θ θ								

/ Electrical Characteristics(Ta=25)

									μ
									μ

/ Electrical Characteristic Curve

Fig.1 Forward Current Derating Curve

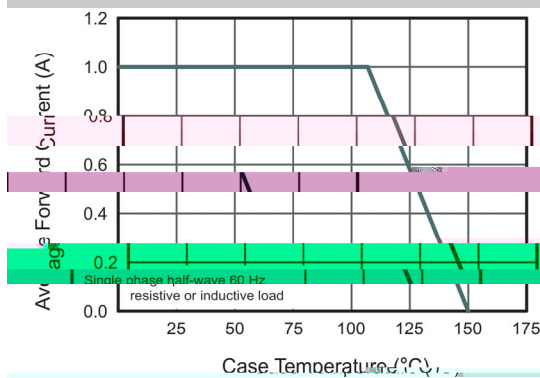


Fig.2 Typical Reverse Characteristics

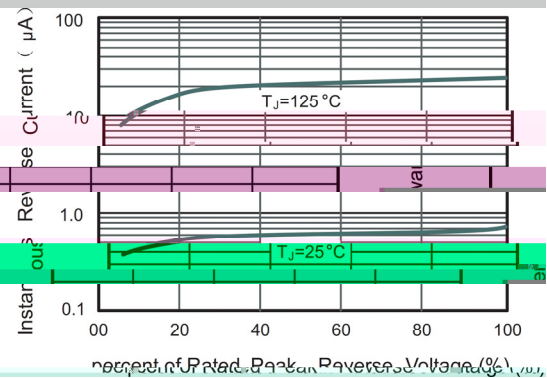


Fig.3 Typical Forward Characteristic

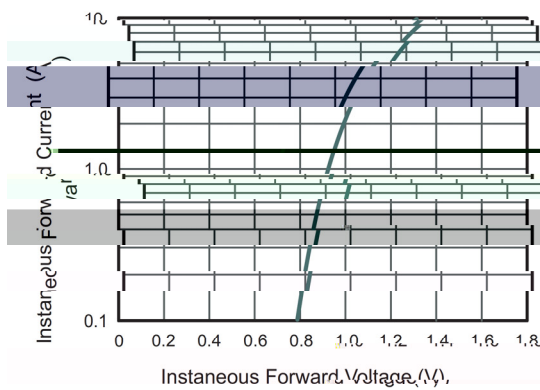


Fig.4 Typical Junction Capacitance

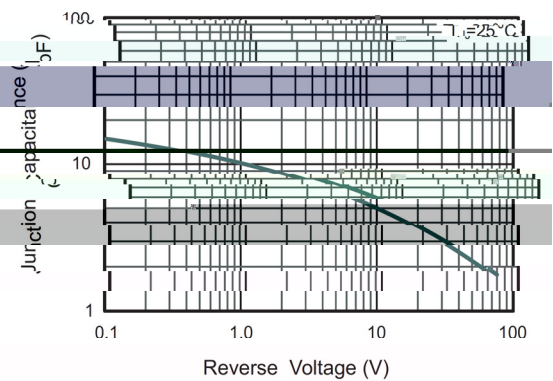
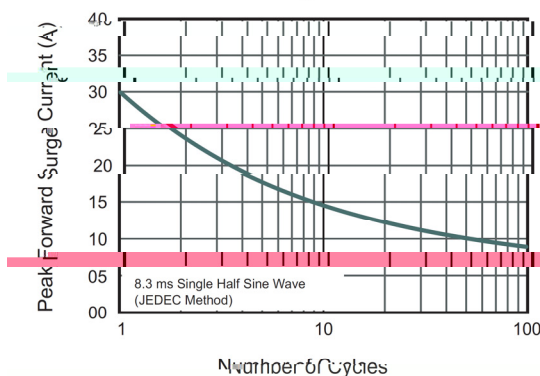
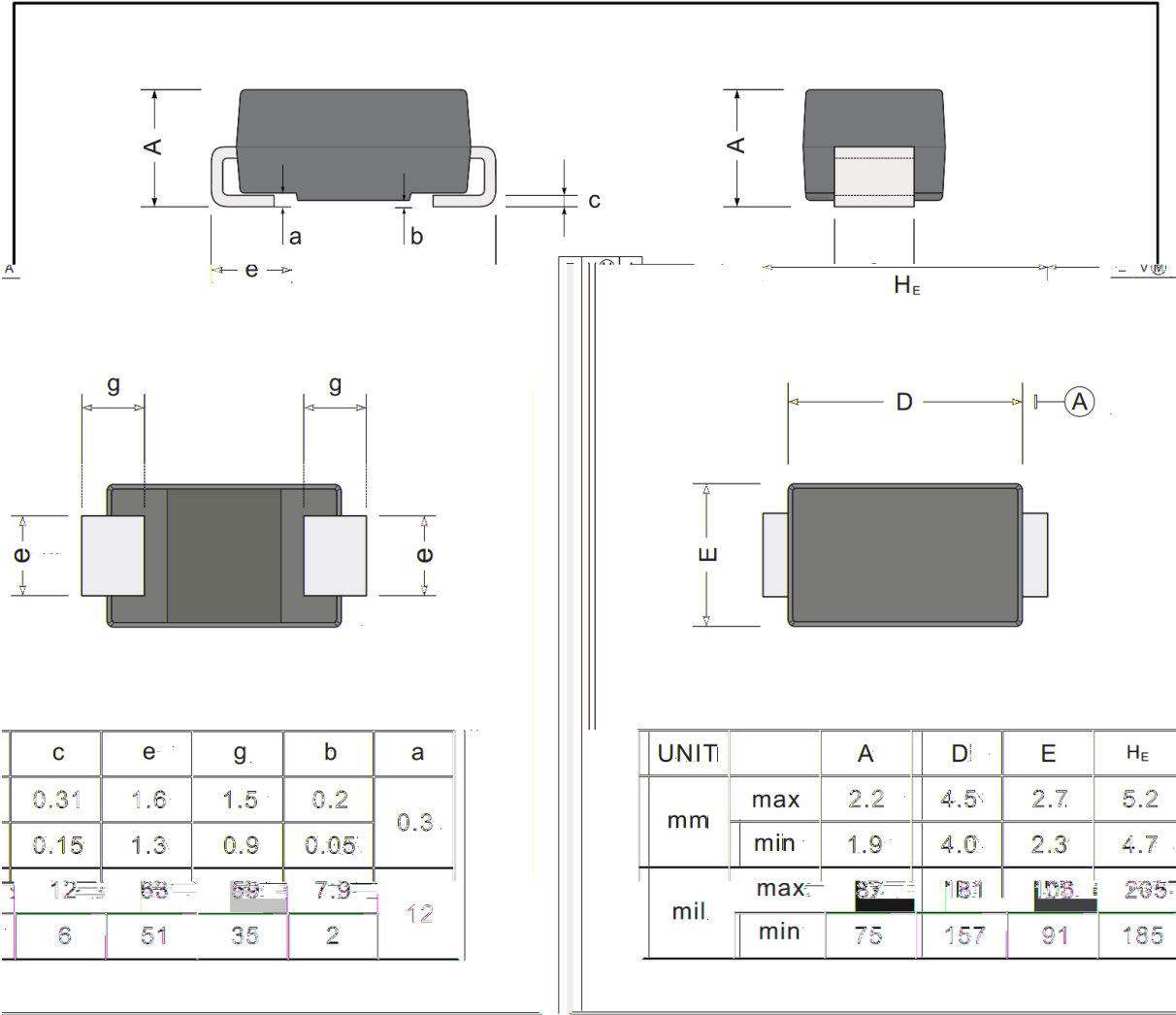


Fig.5 Maximum Non-Repetitive Peak Forward Surge Current

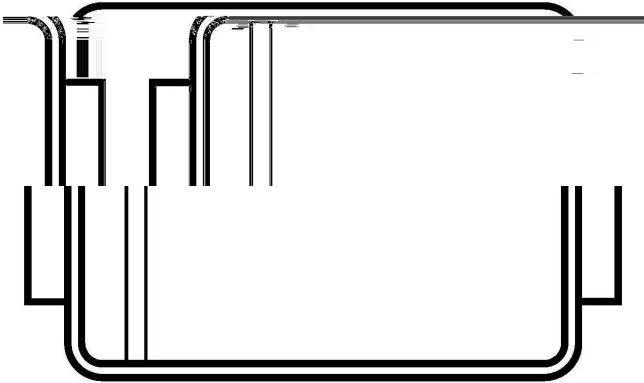


/ Package Dimensions

SMA



/ Marking Instructions

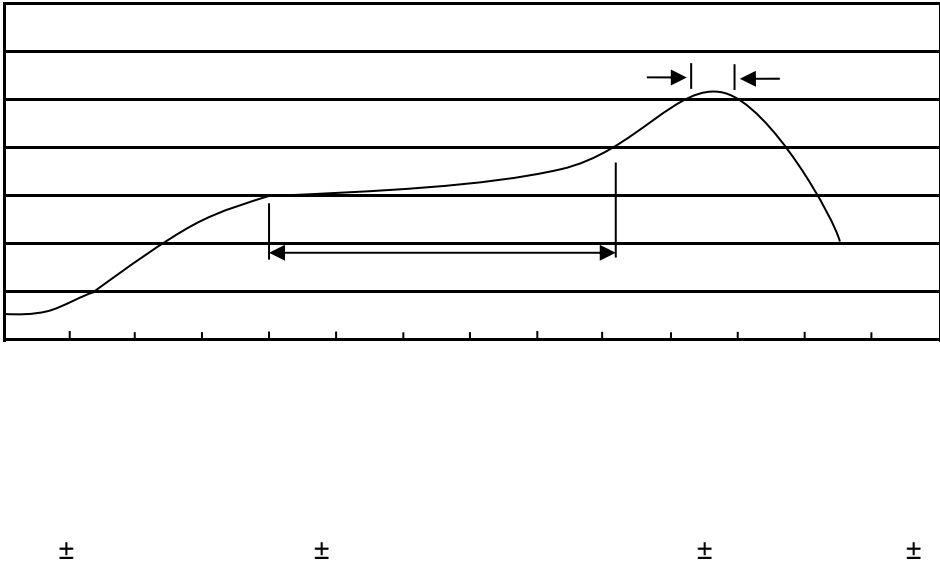


M7
Q

M7

Marking

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



/ Resistance to Soldering Heat Test Conditions

± ±

/ Packaging SPEC.

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

/ Notices