

/ Descriptions

/ Features

O

/ Applications

/ Equivalent Circuit

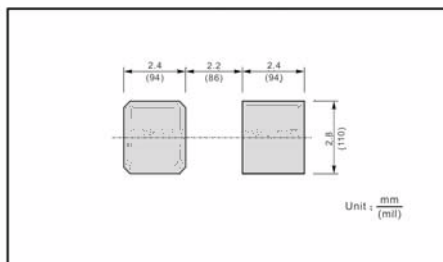


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



/ Marking

/ Absolute Maximum Ratings(Ta=25)

/ Electrical Characteristic Curve

Fig.1 Maximum Average Forward Current Rating

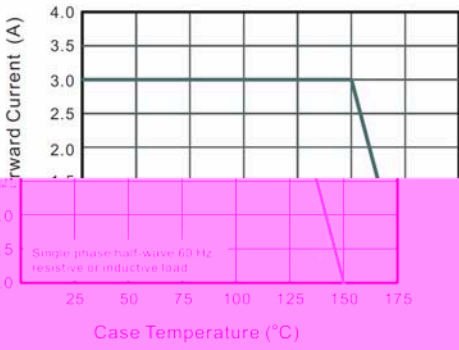


Fig.2 Typical Reverse Characteristics

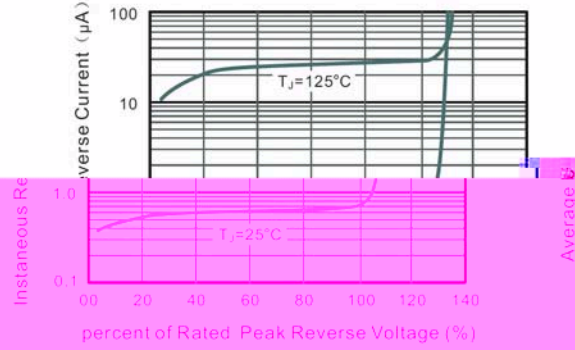


Fig.3 Typical Forward Characteristics

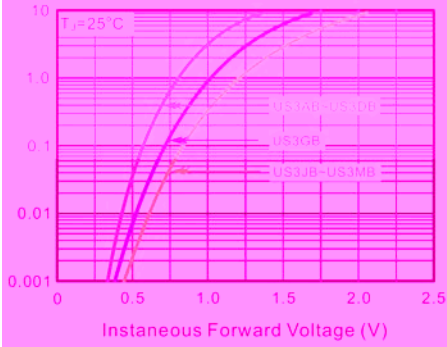
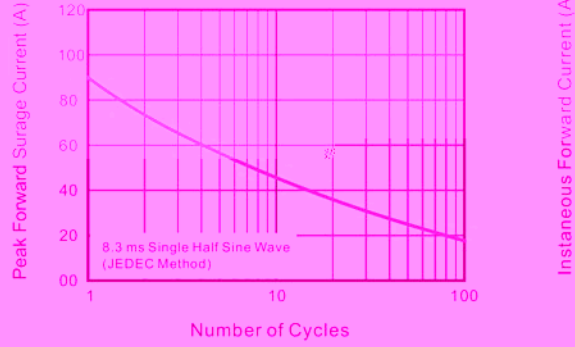
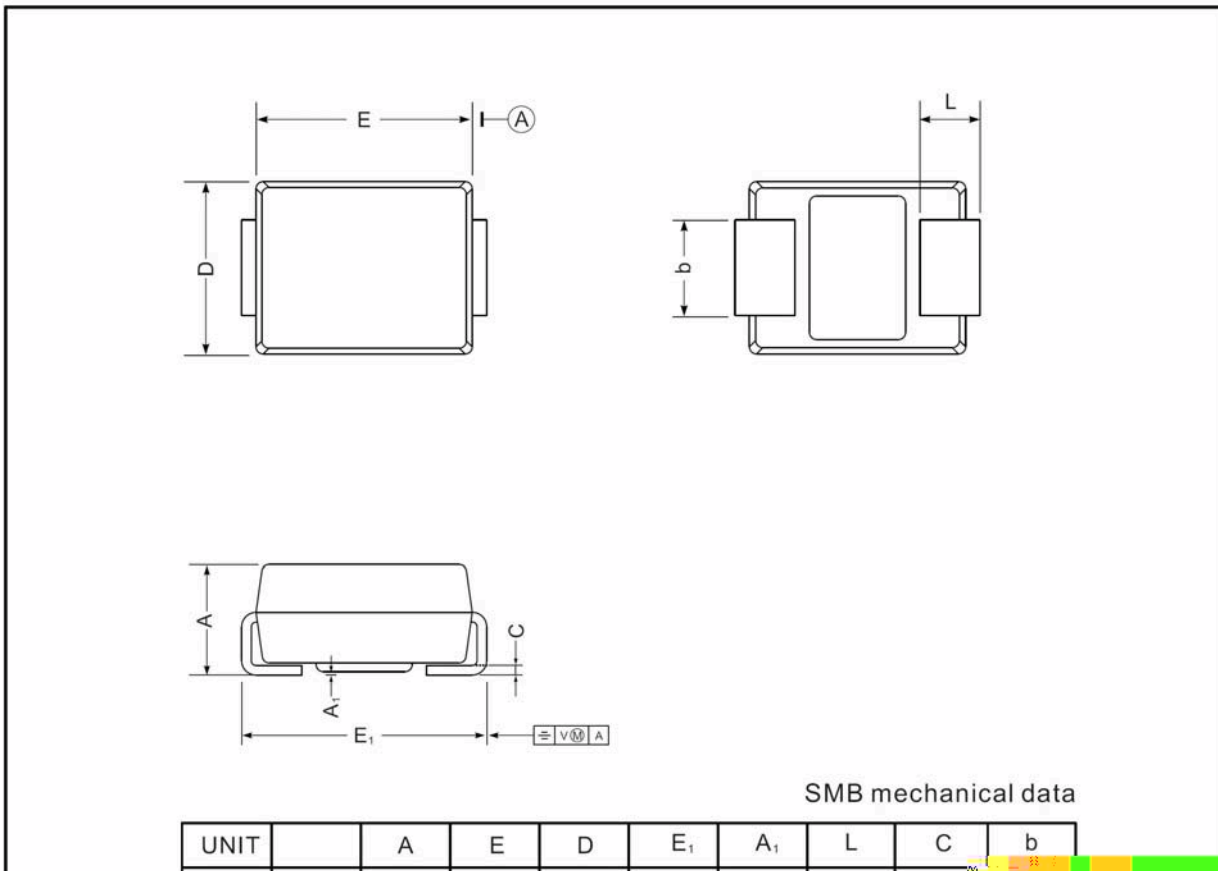


Fig.4 Maximum Non-Repetitive Peak Forward Surge Current



/ Package Dimensions

SMB

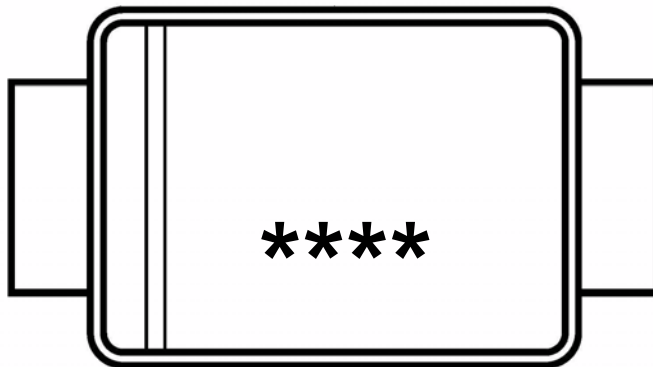


/ Marking Instructions

Marking

Type number	Marking code
US3AB	US3A
US3AB	US3B
US3AB	US3D
US3AB	US3G
US3AB	US3H
US3AB	US3K

/ Marking Instructions



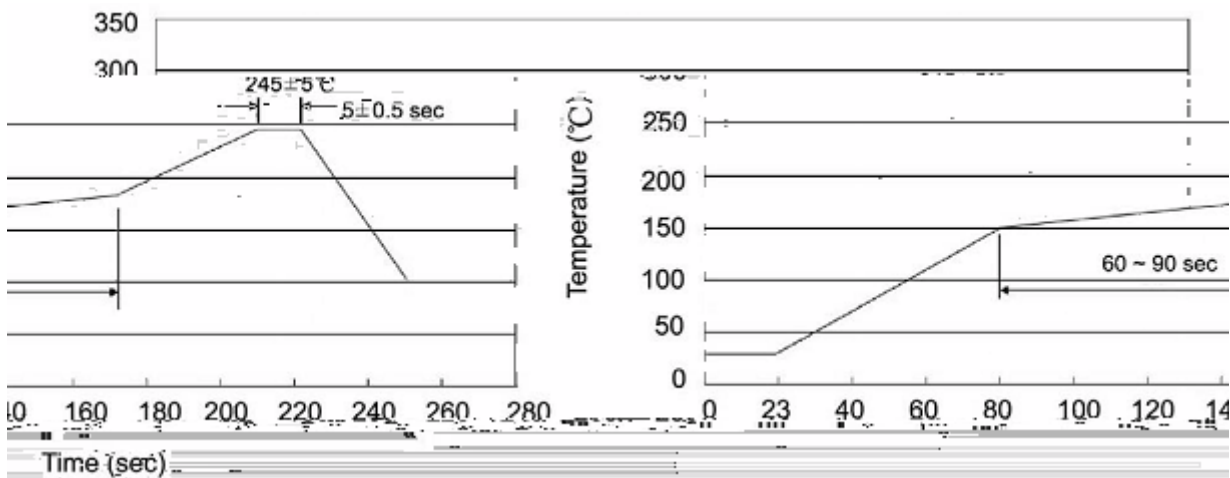
*

*

*

*

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



/ Resistance to Soldering Heat Test Conditions

5