

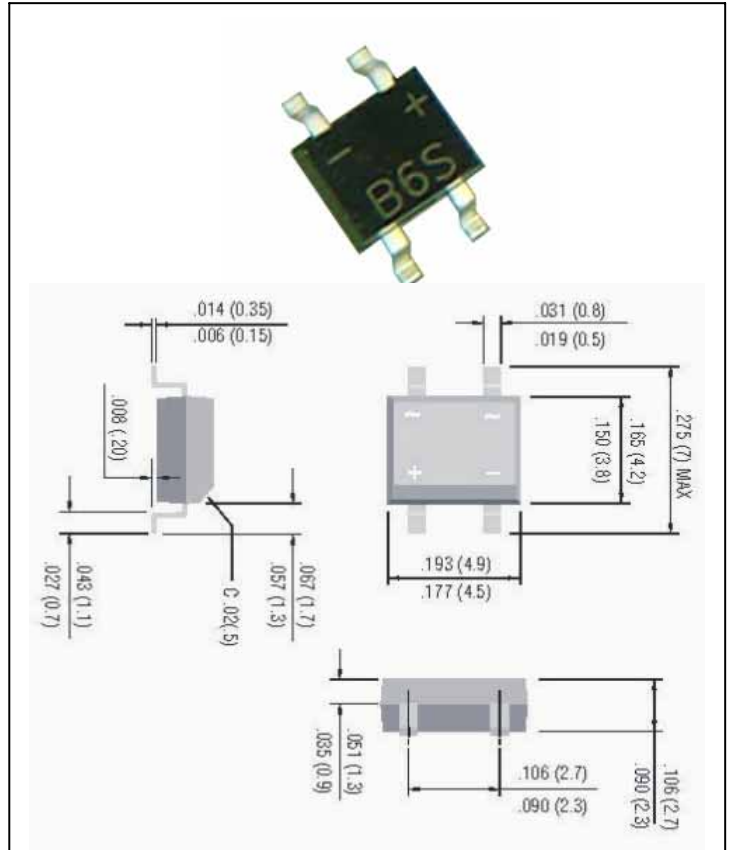
## Feature & Dimension

### FEATURES

- Plastic Package has Underwriters Laboratory Flammability Classification 94V-0
- Glass passivated chip junctions
- Surge overload rating of 30 Amperes peak
- Ideal for printed circuit board

### MECHANICAL DATA

- Case: Molded plastic
- Weight: 0.02 ounce, 0.5 gram
- High temperature soldering guaranteed :  
260 /10seconds



### Product Characteristic

Parameter Symbol	Symbol	B1S	B2S	B4S	B6S	B8S	B10S	Unit
Maximum repetitive voltage	$V_{RM}$	100	200	400	600	800	1000	V
Maximum DC reverse current at rated DC blocking voltage	$I_R$	5						$\mu A$
TA=25 TA=125		250						
Maximum Average Forward Rectified Current Tc=40	$I_o$	0.5						A
Peak forward surge current 8.3ms single half sine-wave superimposed on rated load	$I_{FSM}$	30						A
Maximum instantaneous forward voltage at 0.5A	$V_F$	1.00						V
Operating junction temperature	$T_J$	125						
Storage temperature	Tstg	-40~150						

### Characteristic Curves

Fig. 1 Derating Curve

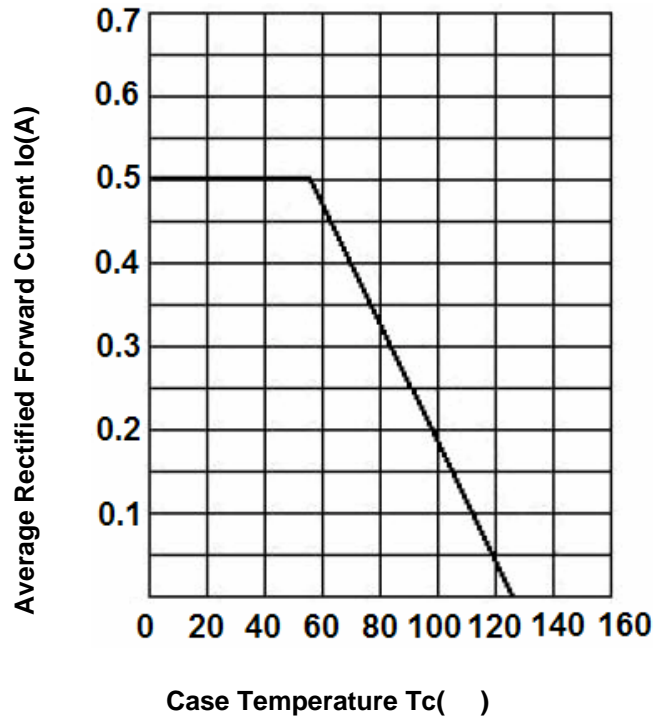


Fig.2 Typical Reverse Characteristics

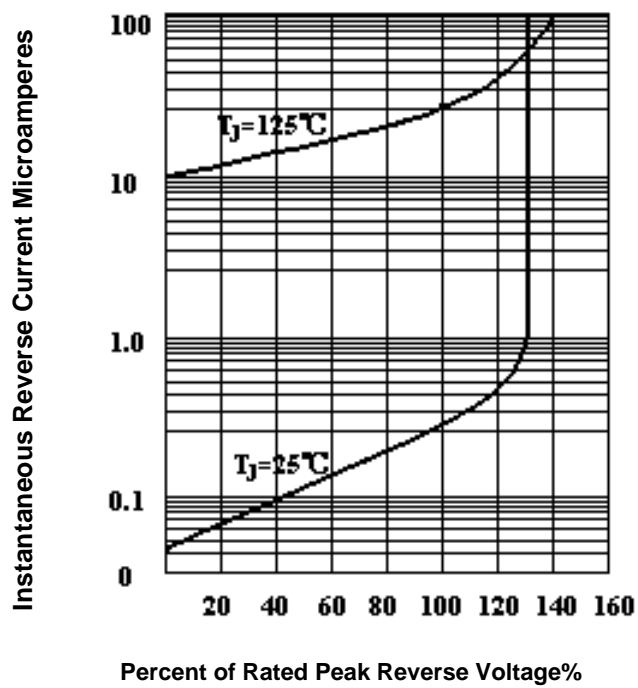


Fig.3 Peak Surge Forward capability

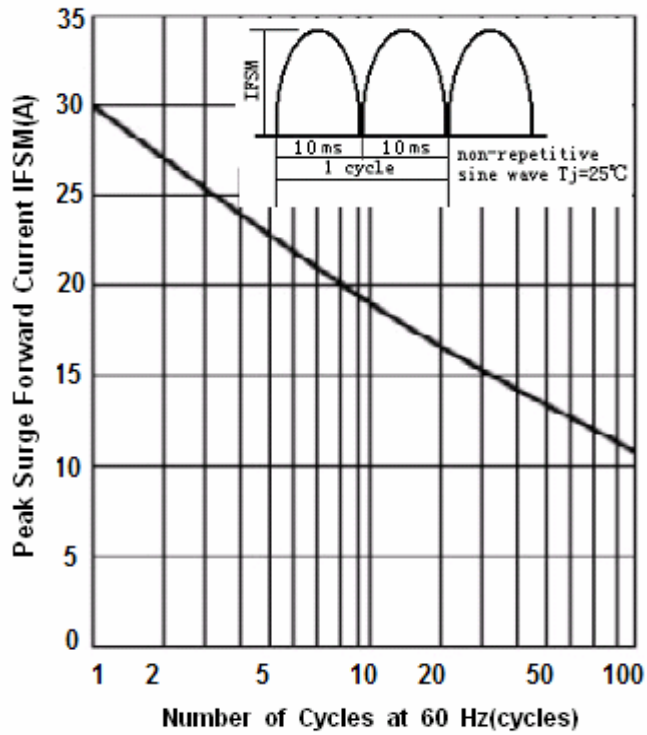
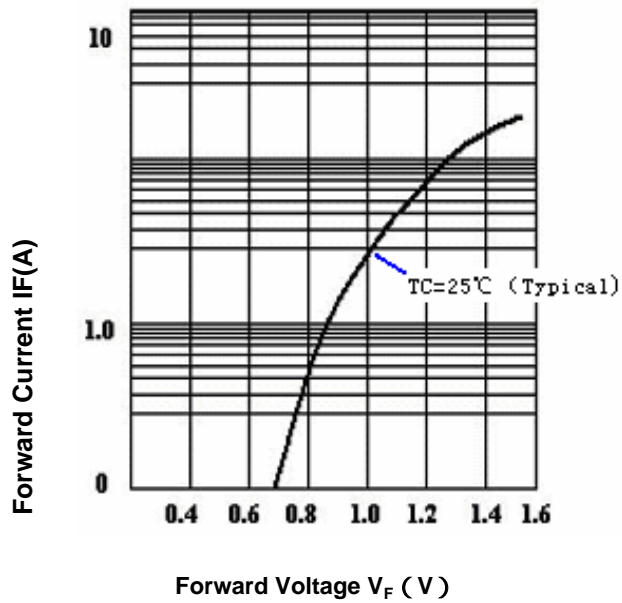


Fig.4 Forward Voltage



**Marking Identification**

