

/ Descriptions

60V~100V                      5.0A    SMB

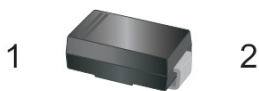
/ Features

/ Applications

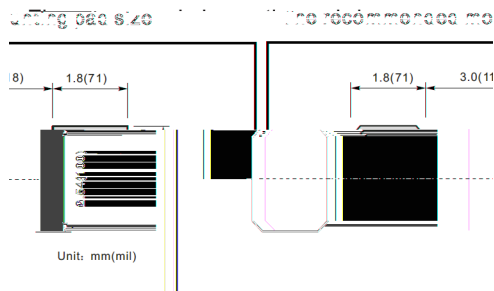
/ Equivalent Circuit



/ Pinning



| PIN | DESCRIPTION |
|-----|-------------|
| 1   | Cathode     |
| 2   | Anode       |



/ Marking

/ Absolute Maximum Ratings(Ta=25 )

|  |     |  |  |   |
|--|-----|--|--|---|
|  |     |  |  |   |
|  |     |  |  |   |
|  |     |  |  |   |
|  |     |  |  |   |
|  |     |  |  |   |
|  | ( ) |  |  |   |
|  |     |  |  |   |
|  |     |  |  |   |
|  | θ   |  |  | ℃ |
|  |     |  |  | ℃ |

/ Electrical Characteristics(Ta=25 )

|  |  |   |    |  |
|--|--|---|----|--|
|  |  |   | 数值 |  |
|  |  |   |    |  |
|  |  |   |    |  |
|  |  | ℃ |    |  |
|  |  | ℃ |    |  |

## / Electrical Characteristic Curve

Fig.1 Forward Current Derating Curve

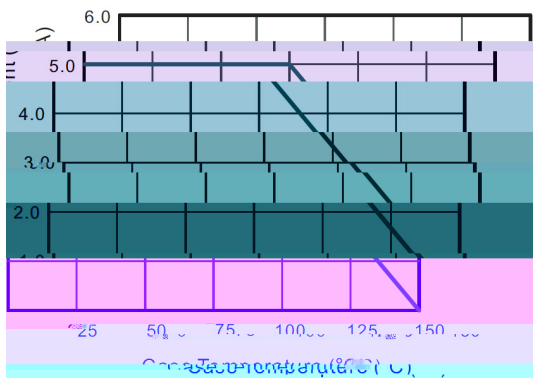


Fig.2 Typical Reverse Characteristics

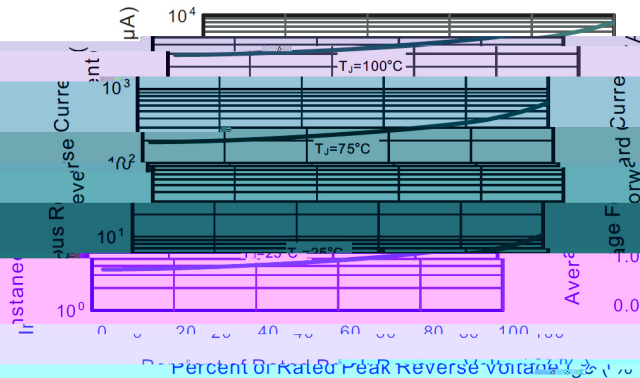


Fig.3 Typical Forward Characteristic

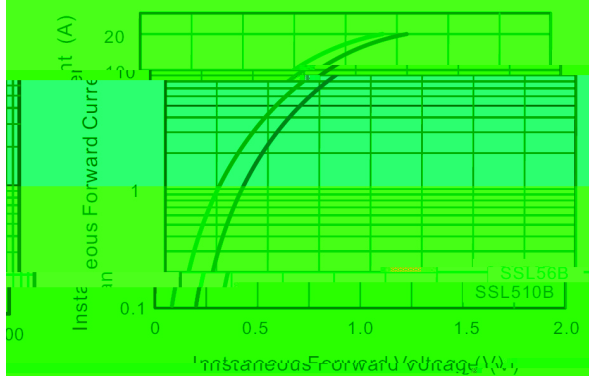


Fig.4 Typical Junction Capacitance

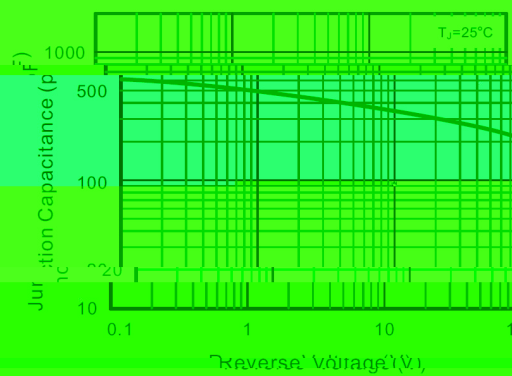


Fig.5 Maximum Allowable Peak Forward Surge Current

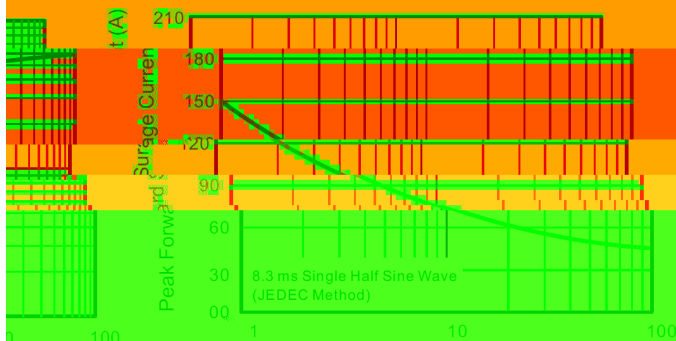
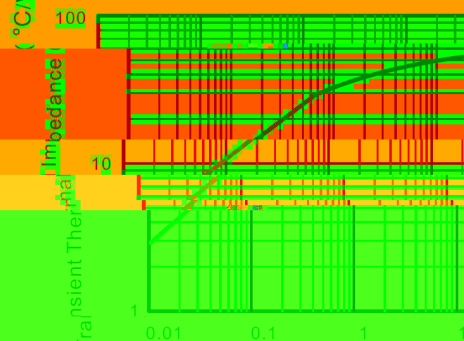
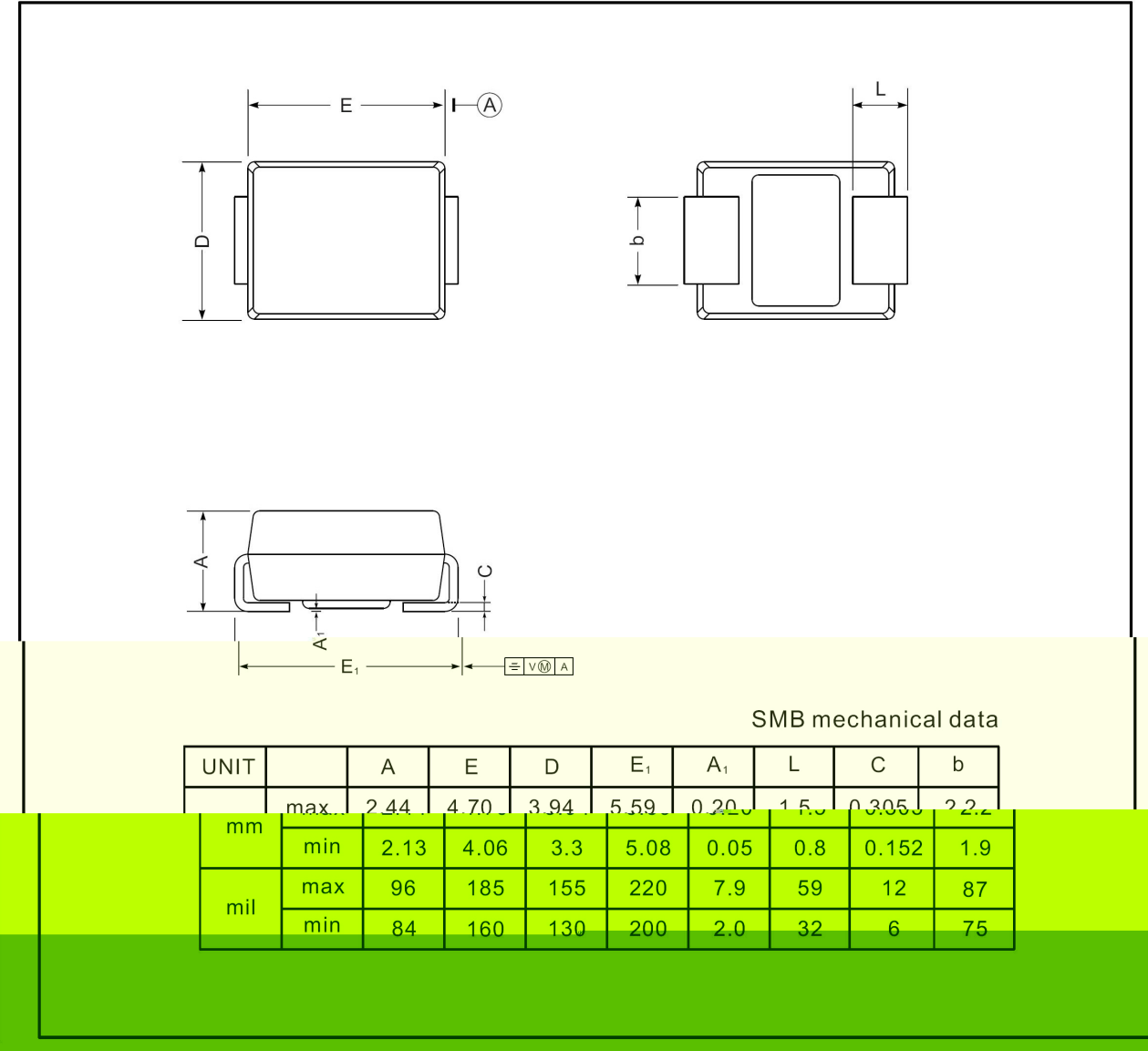


Fig.6 Typical transient Thermal Impedance



/ Package Dimensions

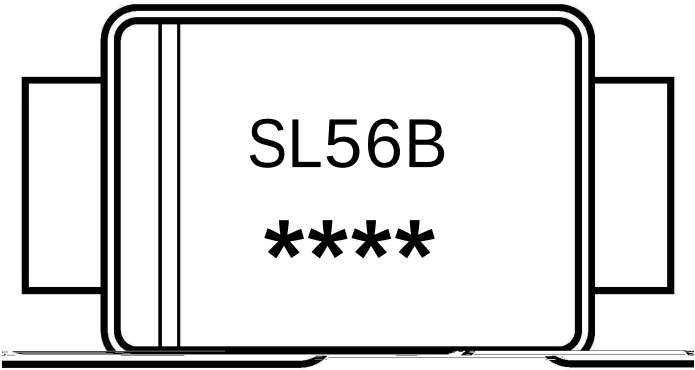
SMB



## Marking

| Type number | Marking code |
|-------------|--------------|
| SSL56B      | SL56B        |
| SSL510B     | SL510B       |

/ Marking Instructions



|       |   |   |
|-------|---|---|
| SL56B |   |   |
| ****  | 1 | 3 |

SL56B

\*\*\*\*

Figure 1 is a line graph showing the temperature profile of the test specimen. The y-axis represents Temperature (°C) from 0 to 350, and the x-axis represents Time (sec) from 0 to 280. The profile starts at 25°C, ramps up to 150°C at 60-90 sec, then to 245 ± 5°C at 160-180 sec, holds for 5 ± 0.5 sec, and finally cools down.

$$\frac{+}{-} \qquad \qquad \frac{+}{-} \qquad \qquad \frac{+}{-} \qquad \qquad \frac{+}{-}$$
$$\pm \qquad \qquad \qquad \pm \qquad \qquad \qquad \pm \qquad \qquad \qquad \pm$$

封装形式

| 包装数量  |
|-------|
| 1000  |
| 2000  |
| 3000  |
| 4000  |
| 5000  |
| 6000  |
| 7000  |
| 8000  |
| 9000  |
| 10000 |

包装尺寸 :