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Rev.C Jan.-2022





Fig.1 Forward Current Derating Curve

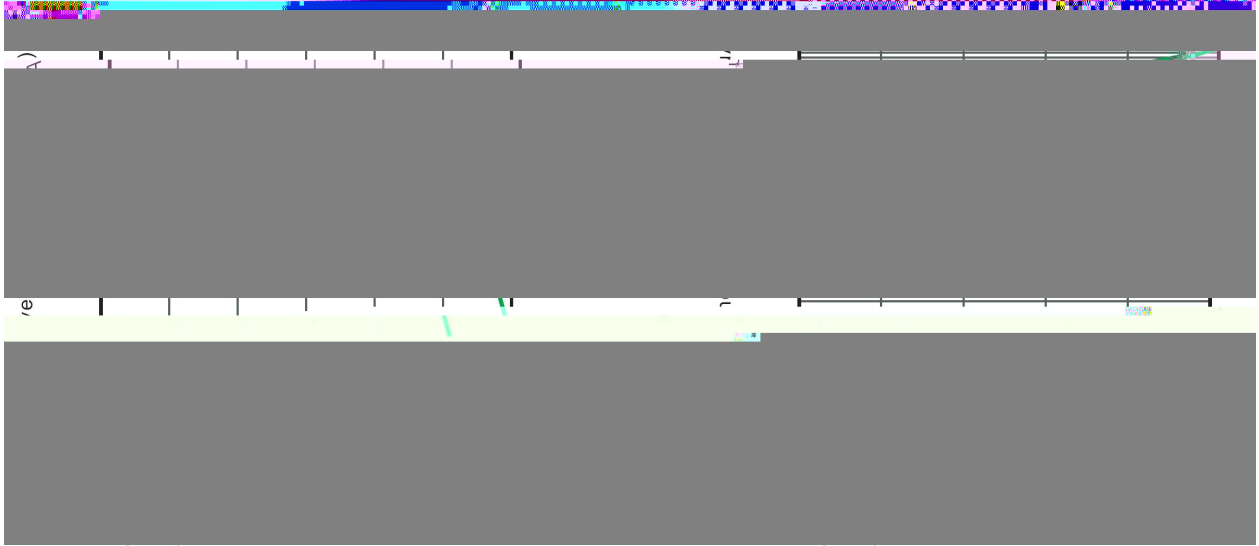


Fig.2 Typical Reverse Characteristics

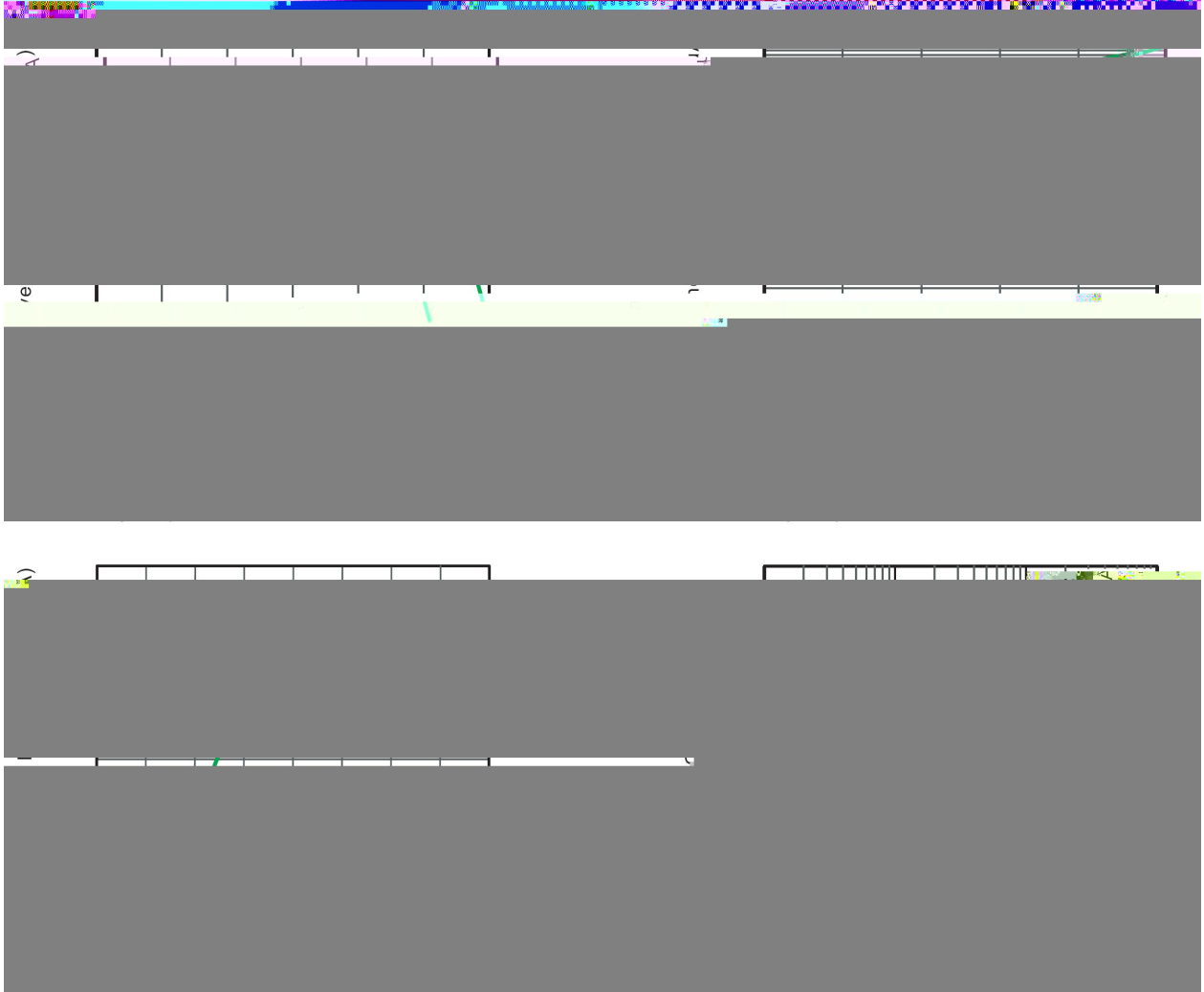


Fig.5 Maximum Non-Repetitive Peak

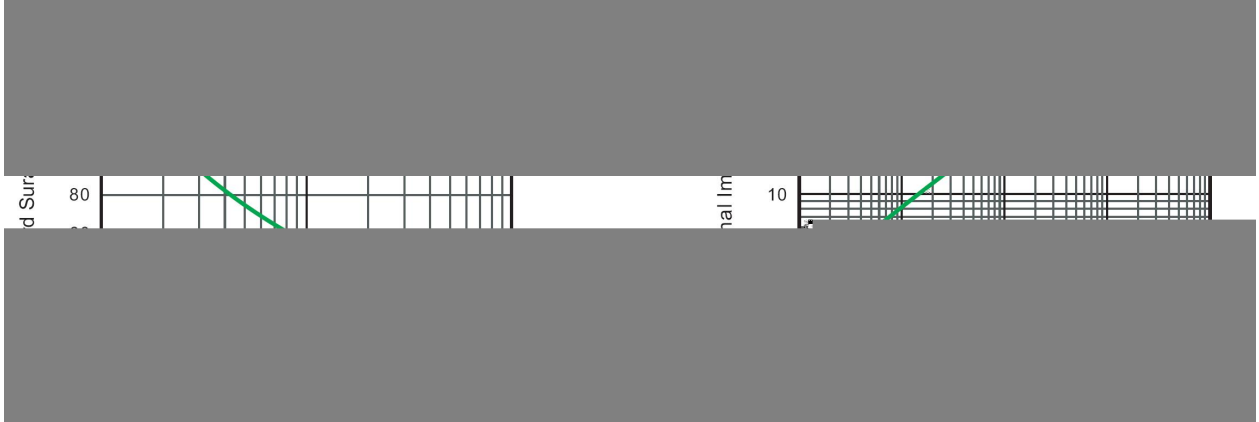
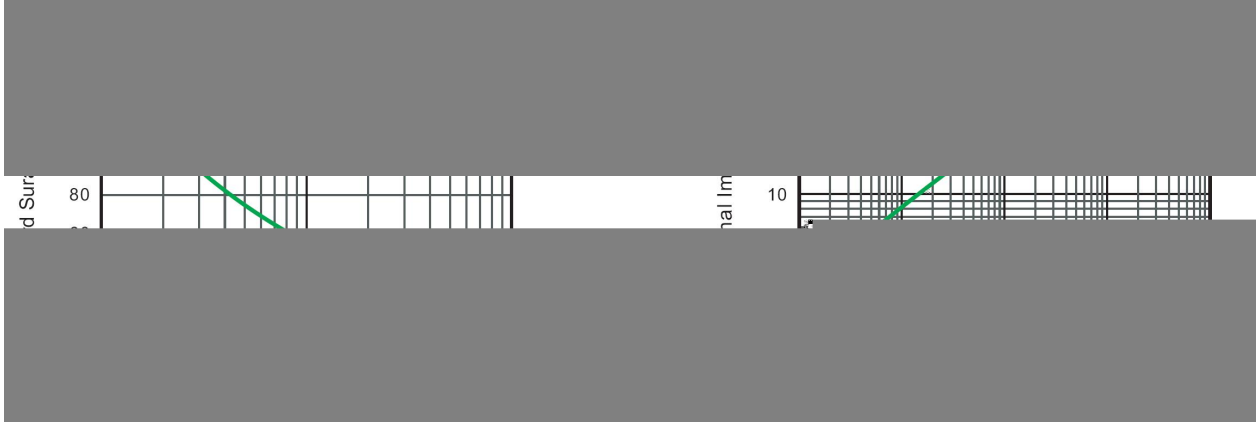
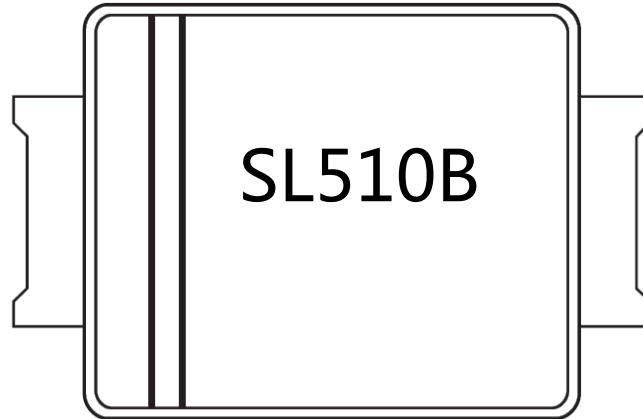


Fig.6 Typical Transient Thermal









SL510B

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1 \*

3 \*

Note:

SL510B      Product Type Code

\*\*\*\*      Lot No. Code    The 1st \* means:YM Code    The last 3 \* means:little Lot No  
Code



Temperature Profile for IR Reflow Soldering(Pb-Free)

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Note:

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|---|-----------|-------------|---|
| 1 | 150 ~ 180 | 60 ~ 90sec; | 1.Preheating:150~180 , Time:60~90sec.   |
| 2 | 245±5     | 5±0.5sec;   | 2.Peak Temp.:245±5 , Duration:5±0.5sec. |
| 3 | 2 ~ 10    | /sec.       | 3. Cooling Speed: 2~10 /sec.            |

260±5                      10±1 sec.                      Temp.:260±5                      Time:10±1 sec

/ REEL

Package Type                      Units                      Dimension                      (unitfi mm<sup>3</sup>)