

Rev.F Dec.-2022

~ ° E = 9 ~ || 1 i r b 3 я X 53Y 533Y i * b 3 L X 813D i 2 3 SMBF M E

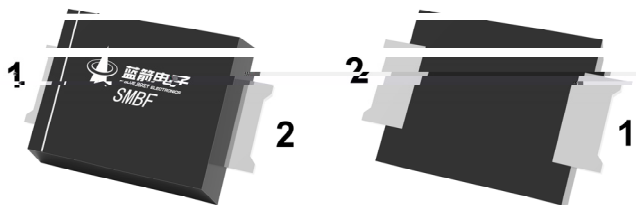
Surface Mount Schottky Barrier Rectifier, Reverse Voltage 20 to 200V, Forward Current: 5.0A, SMBF thin package.

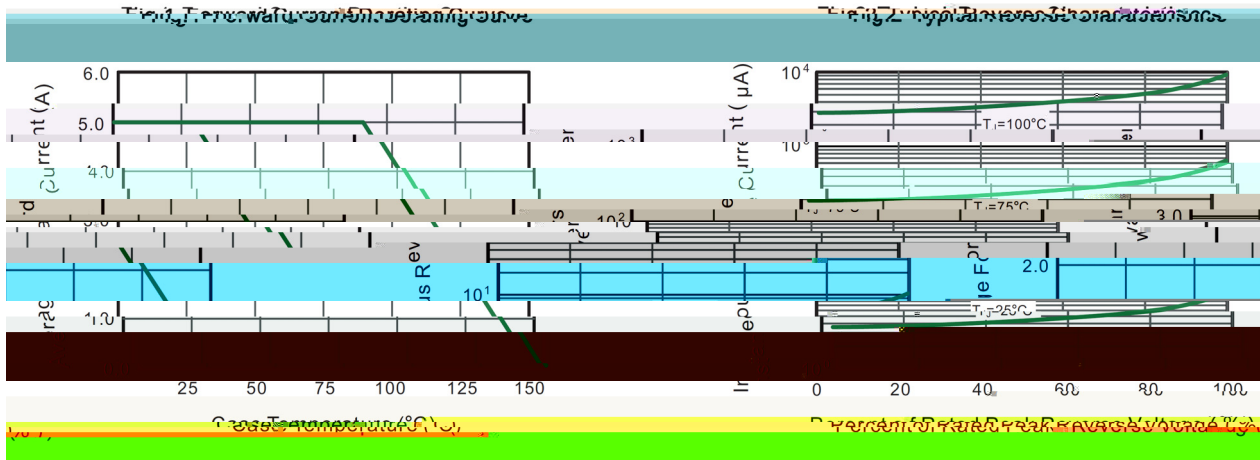
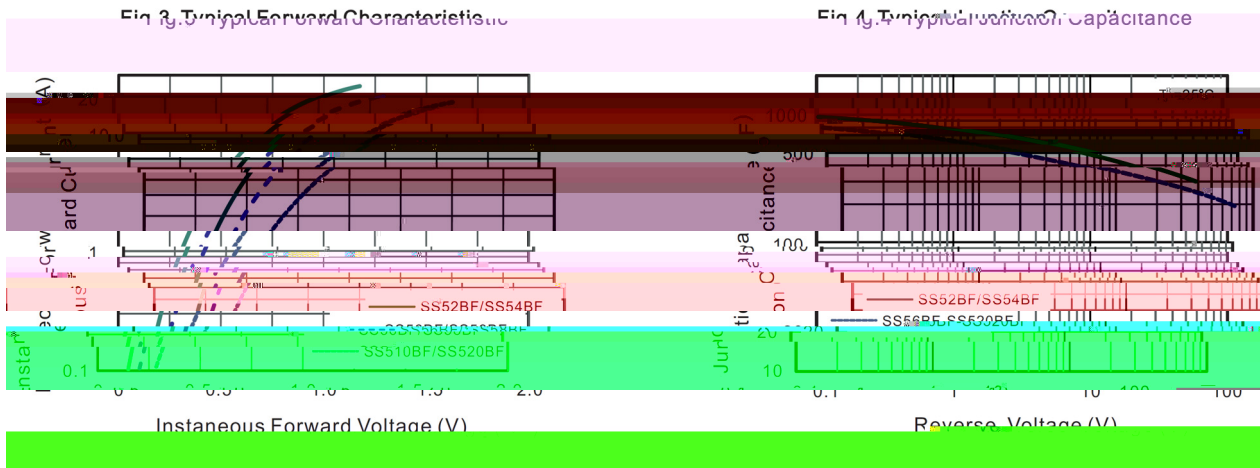
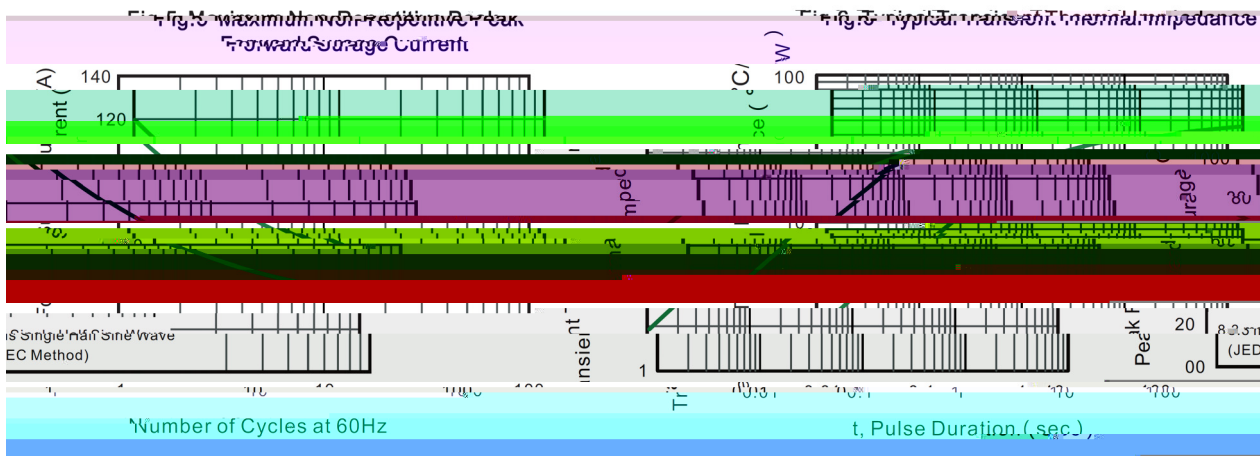
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Low power loss, high efficiency, High forward surge current capability, For use in low voltage, high frequency inverters, and polarity protection applications, For surface mounted applications, HF Product.

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General purpose.





Marking

Type number	Marking code
SS52BF	S52B
SS54BF	S54B
SS56BF	S56B
SS58BF	S58B
SS510BF	S510B

SS510BF

S510B

SS510BF

S510B

515B

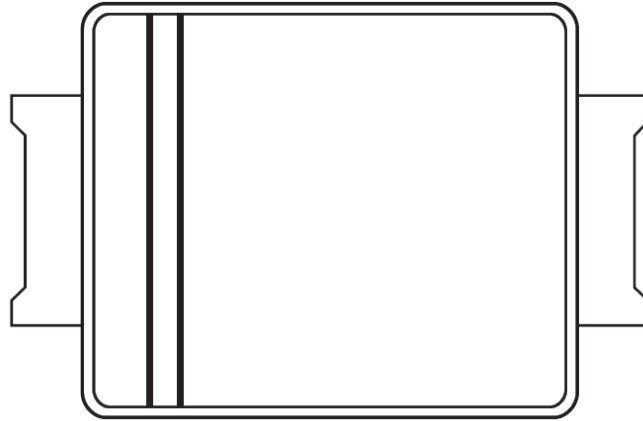
SS515BF

S

S510B

SS510BF

S



μ" X

S52B X

Temperature Profile for IR Reflow Soldering(Pb-Free)

б " X

1. $150^{\circ}\text{C} \sim 180^{\circ}\text{C}$, Time: 60~90sec;
2. $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$, Duration: $5^{\circ} \sim 0.5\text{sec}$;
3. Cooling Speed: $2^{\circ} \sim 10^{\circ}\text{C}/\text{sec}$.

Note:

1. Preheating: $150^{\circ}\text{C} \sim 180^{\circ}\text{C}$, Time: 60~90sec.
2. Peak Temp.: $245^{\circ}\text{C} \pm 5^{\circ}\text{C}$, Duration: $5^{\circ} \sim 0.5\text{sec}$.
3. Cooling Speed: $2^{\circ} \sim 10^{\circ}\text{C}/\text{sec}$.

$260^{\circ}\text{C} \pm 5^{\circ}\text{C}$, Time: $10^{\circ} \sim 1\text{sec}$.

Temp.: $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$ Time: $10^{\circ} \sim 1\text{sec}$

REEL