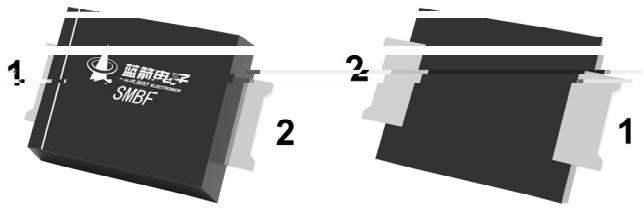
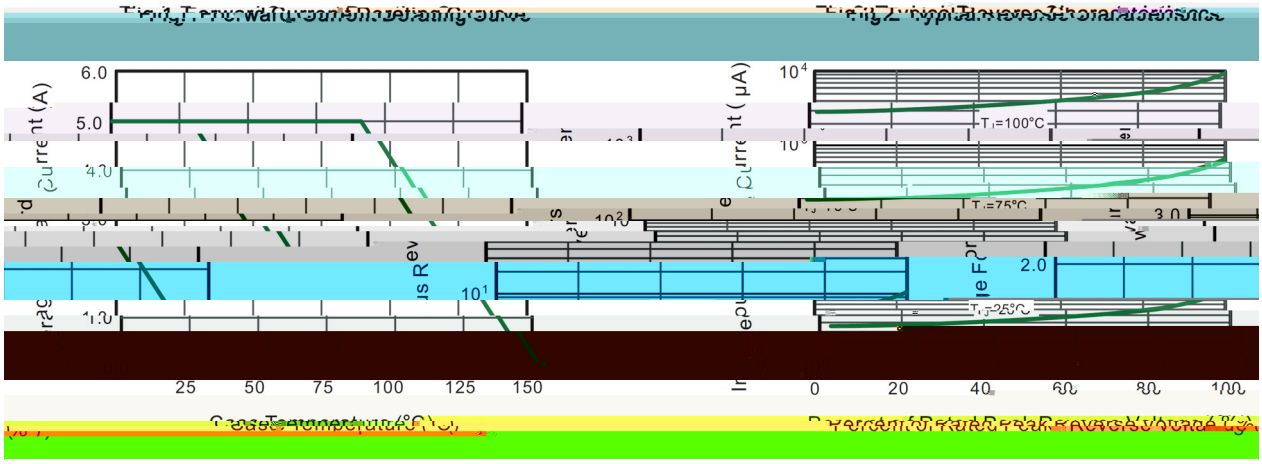
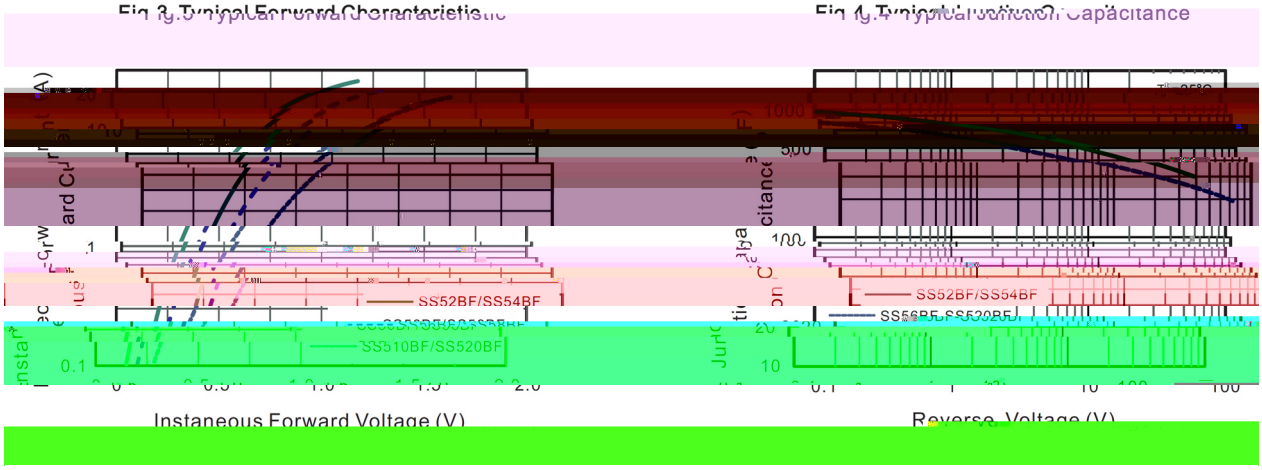
´ ˛ ˚ Ł ⸗ g⁀ ‖ ˥ ı ɾ ᵇ ɔ я χ 53Y¢533Y ı* ᵇ ɔ ╙ χ 813D ı ʔ ʒ SMBF Ṃ Ł
Surface Mount Schottky Barrier Rectifier, Reverse Voltage 20 to 200V,Forward Current:5.0A,SMBF thin package.

Ḥ ı ǎ ı ɹ ᾧ ' ı ╡ ╨ ɔ ╙ ᶻ ı ﮕ ﮖ Ḥ я ı ɹ ļ ᵓ ‖ ớ ʒ ï ı ﮕ ﮖ ´ ˛ ˚ Ł ı ṇ ɾ ᵝ
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.

˘ ɾ ᴗ ˡ
General purpose.

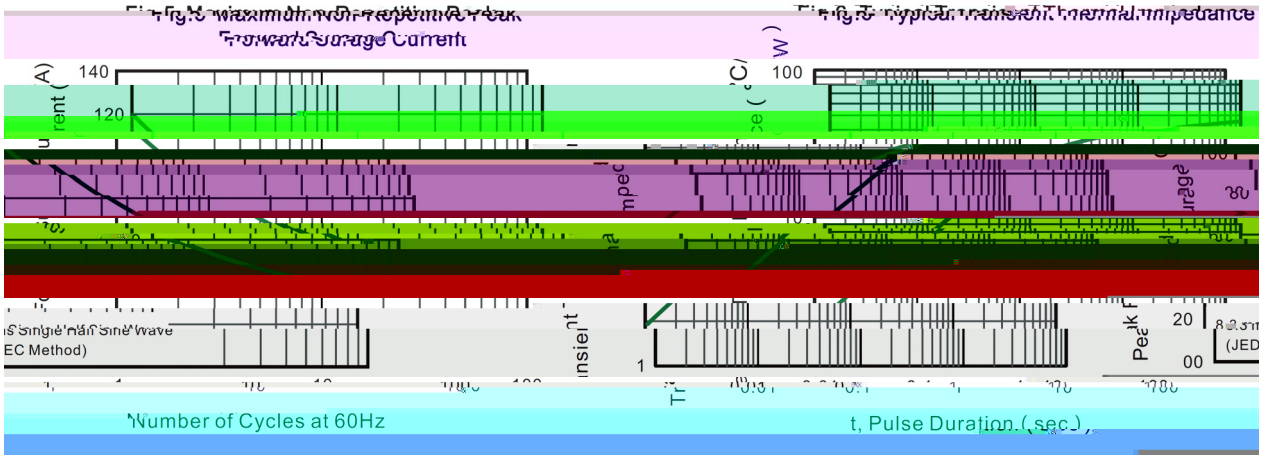






Instaneous Forward Voltage (V)

Reverse Voltage (V)

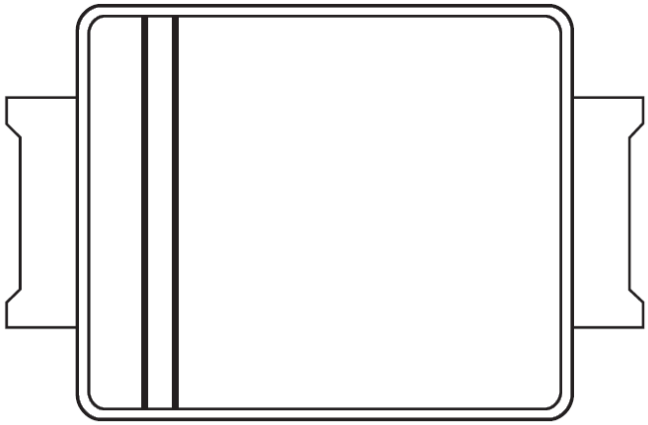


Number of Cycles at 60Hz

t, Pulse Duration (sec.)

Marking

Type number	Marking code
SS52BF	S52B
SS54BF	S54B
SS56BF	S56B
SS58BF	S58B
SS510BF	S510B
SS512BF	S512B
SS515BF	S515B
SS520BF	S520B



ت ˝ χ

S52B χ

Temperature Profile for IR Reflow Soldering(Pb-Free)

ب ˝ χ

1 ℓ ♬ □ ỷ 150 Ḱ 180 ɫ ı ̀H ڑ 60 Ḱ 90sec;

2 Š Ö □ ỷ 245 ° 5 ɫ ı ̀H ڑ ̀Y ⺈ ⺮ 5 ° 0.5sec;

3 ì ˙ ⺈ ˛ ɔ ھ ỷ ⺮ 2 Ḱ 10 ɫ /sec.

Note:

1.Preheating:150~180 ɫ , Time:60~90sec.

2.Peak Temp.:245 ° 5 ɫ , Duration:5 ° 0.5sec.

3. Cooling Speed: 2~10 ɫ /sec.

□ ỷ χ 260 ° 5 ɫ ̀H ڑ χ 10 ° 1 sec.

Temp.:260 ° 5 ɫ Time:10 ° 1 sec

ɔ ̀ γ ⺊ / REEL