SS32F~SS320F

Rev.H May.-2019

DATA SHEET

/ Descriptions

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Surface Mount Schottky Barrier Rectifier, Reverse Voltage 20 to 200 V, Forward Current 3.0A,SMAF thin package.

/ Features

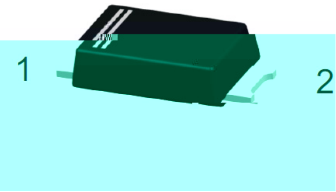
Low power loss, high efficiency, High forward surge current capability, For use in low voltage, high frequency inverters, and polarity protection applications, For surface mounted applications. Halogen free product.

/ Applications

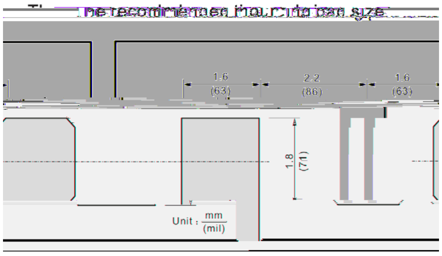
General purpose.

/ Equivalent Circuit

/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

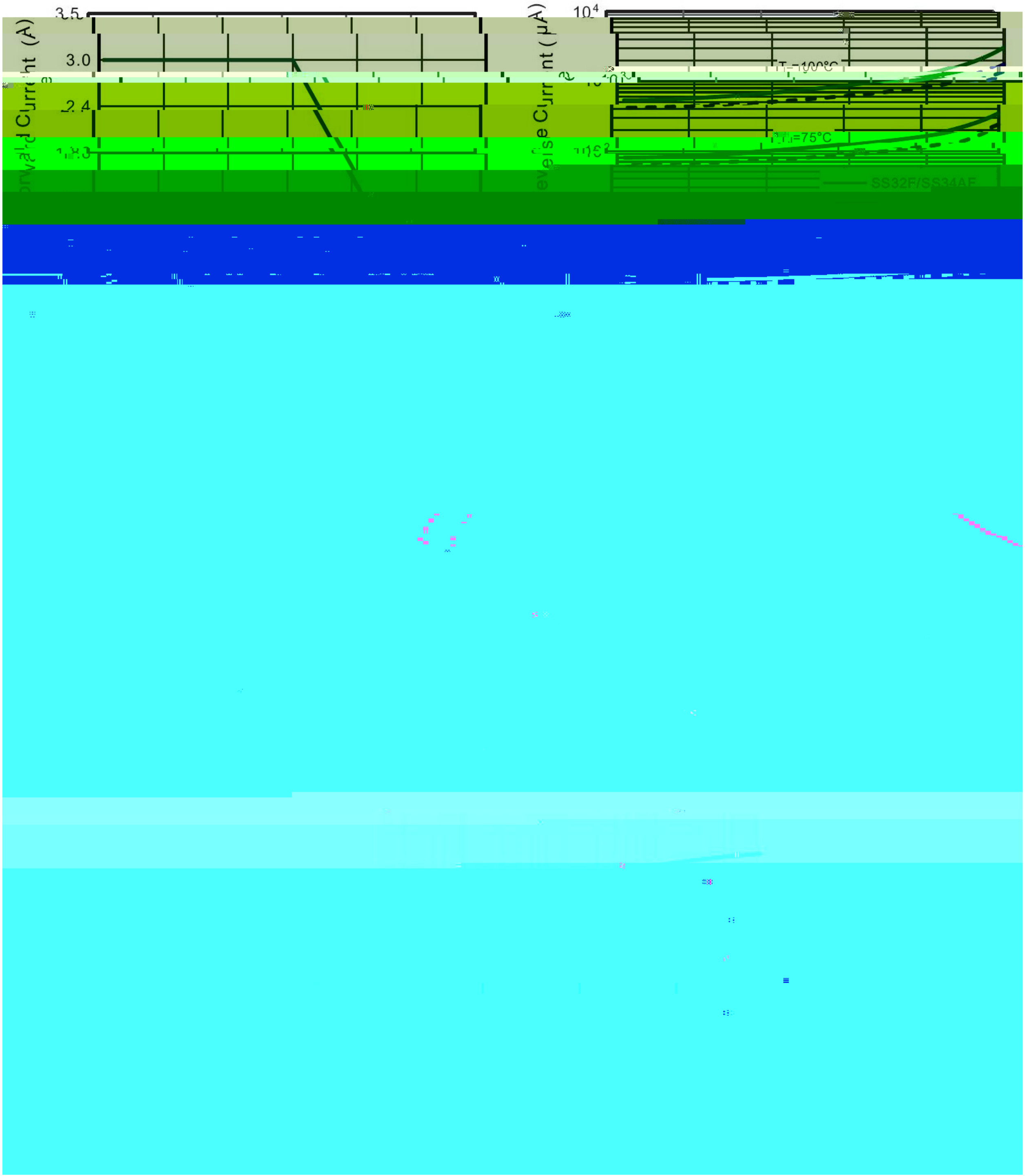


/ Marking

See Marking Instructions.

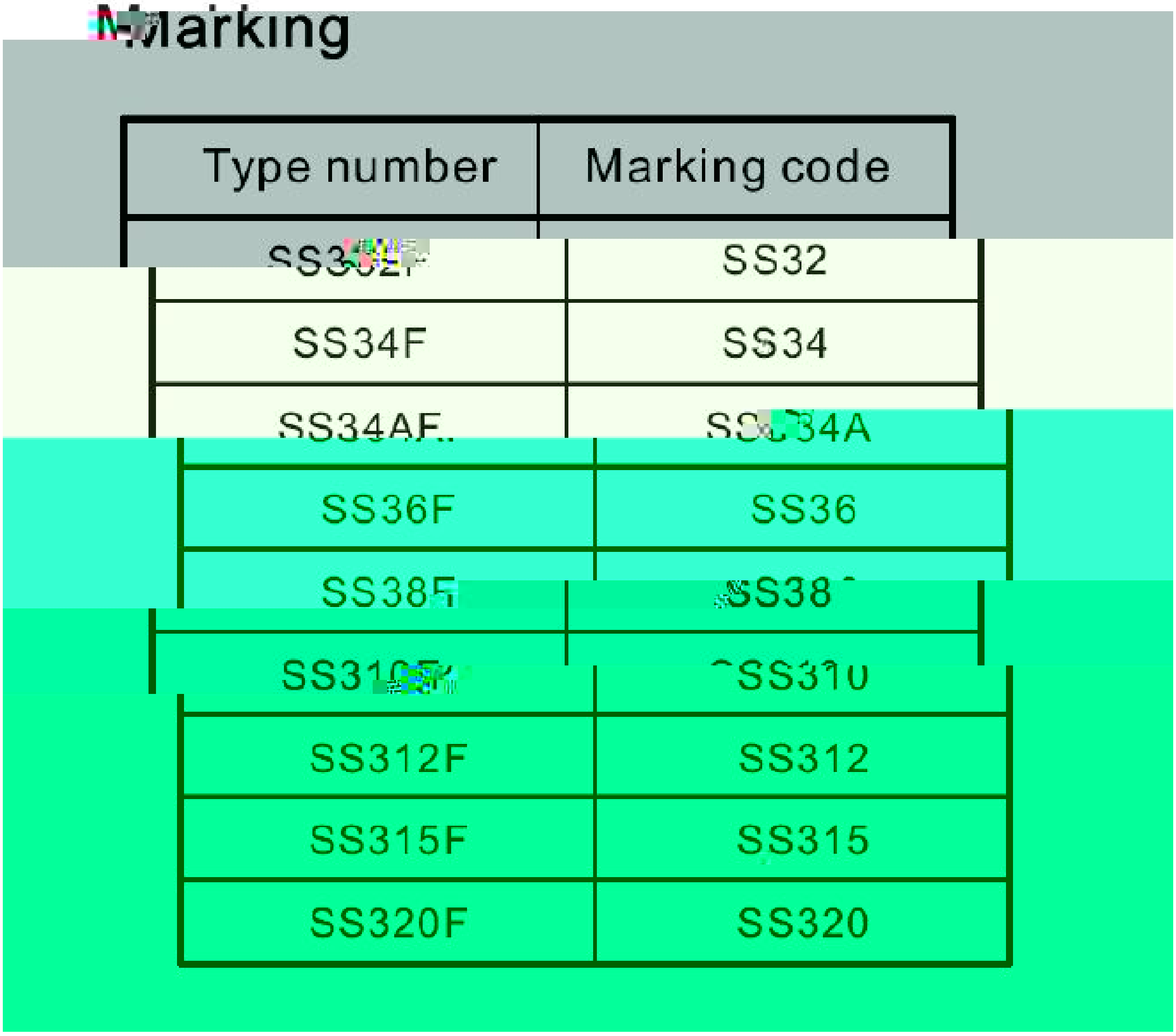
v ˝Ọ Parameter	ˠ ᴺ Symbol	˝ỌӪ Rating									ᴅ Ⴏ Unit
		SS32F	SS34F	SS34AF	SS36F	SS38F	SS310F	SS312F	SS315F	SS320F	
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	20	40	45	60	80	100	120	150	200	V
Maximum RMS voltage	V_{RMS}	14	28	31.5	42	56	70	84	105	140	V

/ Electrical Characteristic Curve



/ Package Dimensions

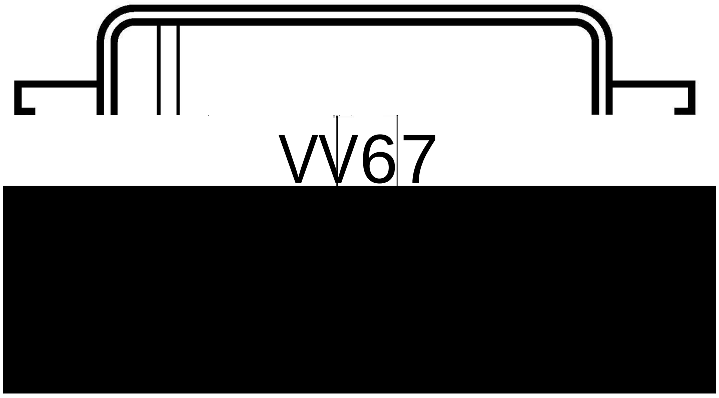
/ Marking Instructions



Marking

Type number	Marking code
SS32F	SS32
SS34F	SS34
SS34AF	SS34A
SS36F	SS36
SS38F	SS38
SS310F	SS310
SS312F	SS312
SS315F	SS315
SS320F	SS320

/ Marking Instructions



ب ˝ χ

VV67 χ ѭ ʒ ᴺ Ԥ

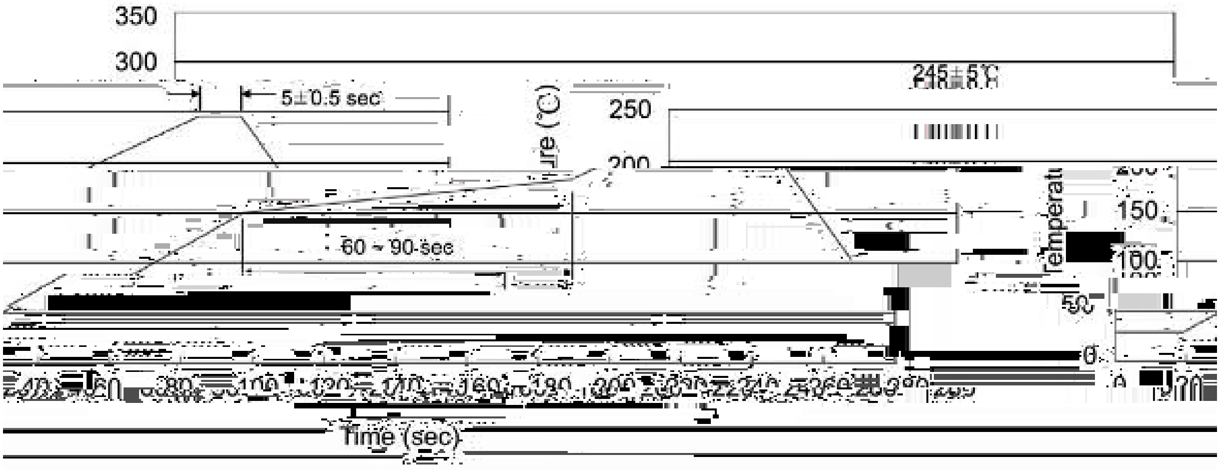
**** χ ѭ ɨ ɟ ή ᴺ گ . ι ᛘ 4 Ѧ*ѭ ẉ ώ̦ Ԥ ι ᵅ ‗ 6 Ѧ*ѭ Ẹ ώ̦ ṇ ή ᴺ Ԥ

Note:

VV67 χ Product Type Code

**** χ Lot No. Code ıThe 1st * means:YM Code ıThe last 3 * means:little Lot No Code

(　　) / Temperature Profile for IR Reflow Soldering(Pb-Free)



ب ˝ χ

1　ĺ ♬ □ ŷ 150 Ḱ 180 ƚ ˌ ˋH ڙ 60 Ḱ 90sec;

2　Ŝ Ӫ □ ŷ 245 ° 5 ƚ ˌ ˋH ڙ ˋY ꟿ ㆑ 5 ° 0.5sec;

3　ì ˙ Ꮧ ˛ ɔ ঌ ŷ ㆑ 2 Ḱ 10 ƚ /sec.

Note:

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

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

3. Cooling Speed: 2~10 ƚ /sec.

/ Resistance to Soldering Heat Test Conditions

□ ŷ χ 260 ° 5 ƚ　　ˋH ڙ χ 10 ° 1 sec.　　Temp.:260 ° 5 ƚ　　Time:10 ° 1 sec

/ Packaging SPEC.

ɷ ˋ γ Ŀ / REEL

Package Type