5 é / Descriptions

n µ É xRK Ô Â 8 â ’ k F g 9 y < d < k 3 g v y ' k V º SMAF / xož
Surface Mount Schottky Barrier Rectifier, Reverse Voltage Ö20 to 200V,Forward Current:5.0A,SMAF thin package.

¤ ª / Features

z ô k ä | ä k ~ … v Ý k 9 z 9 k ä È y â Å ‘ k 9 n µ É xož —)í D }ož
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.

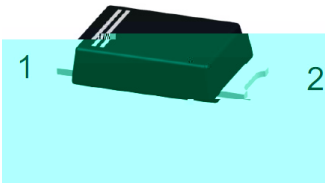
Ð ÷ / Applications

%² " (
General purpose.

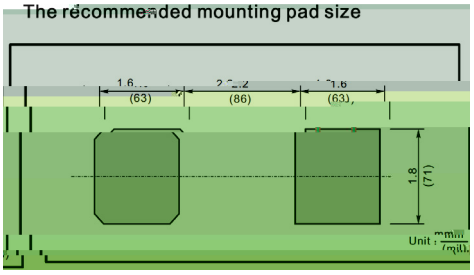
Ã W] Ô · / Equivalent Circuit



• Û - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



, M V / Marking

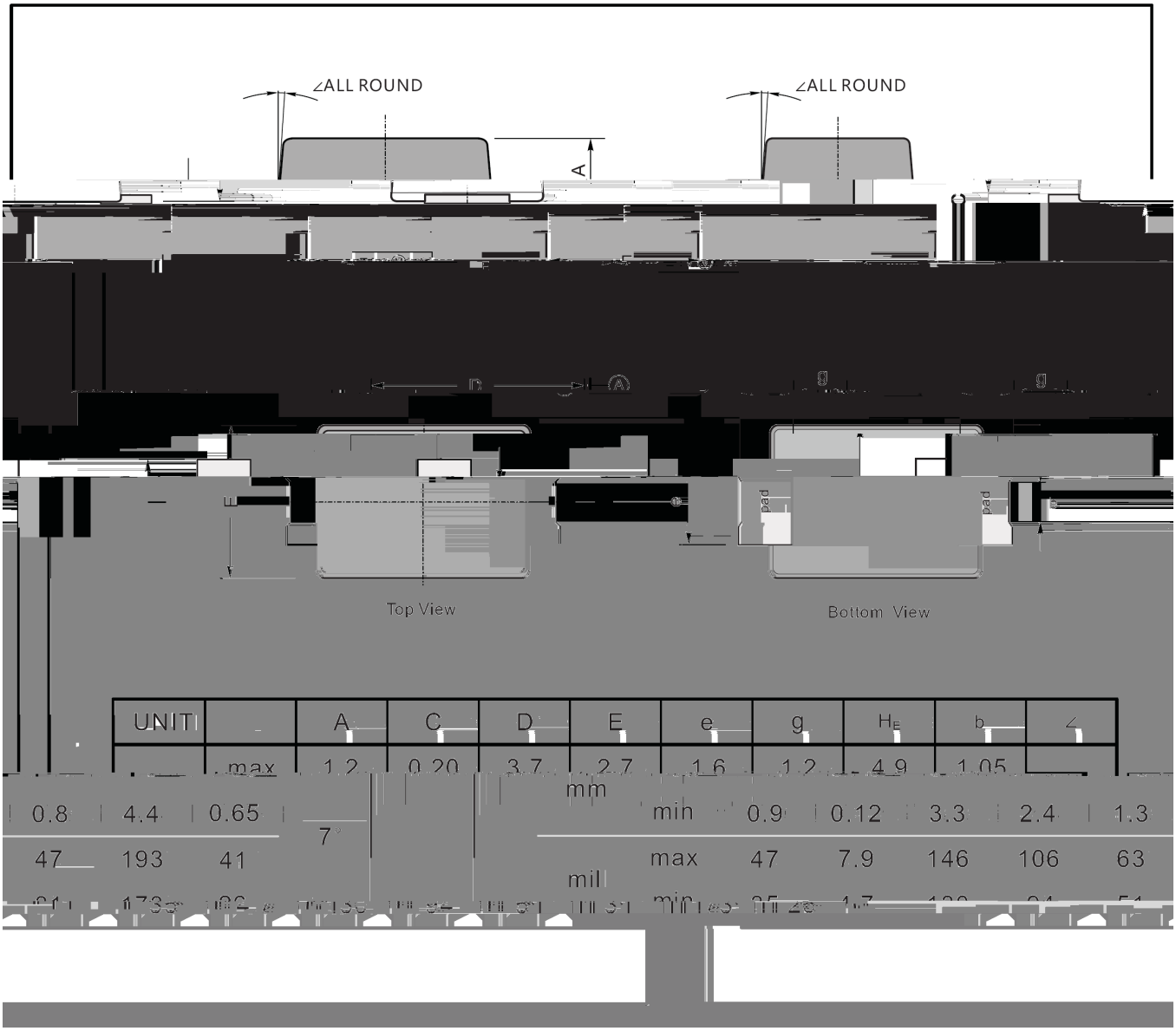
• - ~ ª ¢ož See Marking Instructions.

SS52F~SS520F

Ô ? d • Ž ¢ / Electrical Characteristic Curve



Ø ¤ =) ¢ / Package Dimensions



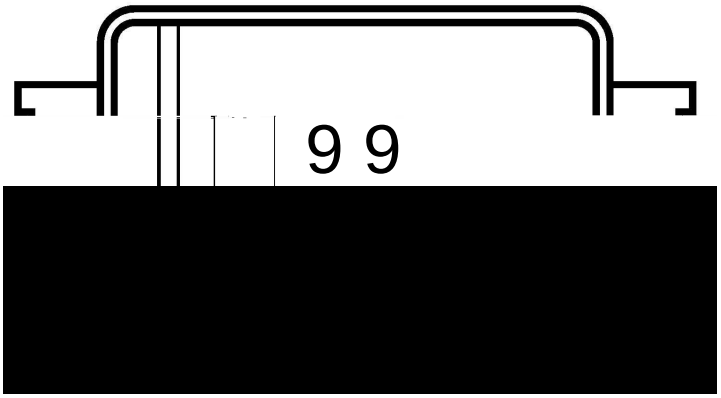
UNIT		A	C	D	E	e	g	H_E	b	∠
mm	max	1.2	0.20	3.7	2.7	1.6	1.2	4.9	1.05	
	min	0.9	0.12	3.3	2.4	1.3				
mil	max	47	7.9	146	106	63				
	min									

, M y ƒ / Marking Instructions

Marking

Type number	Marking code
SS56F	SS56
SS58F	SS58
SS510F	SS510
SS512F	SS512
SS515F	SS515

, M y ƒ / Marking Instructions



ª ¢ y

SS52 y º Z W A

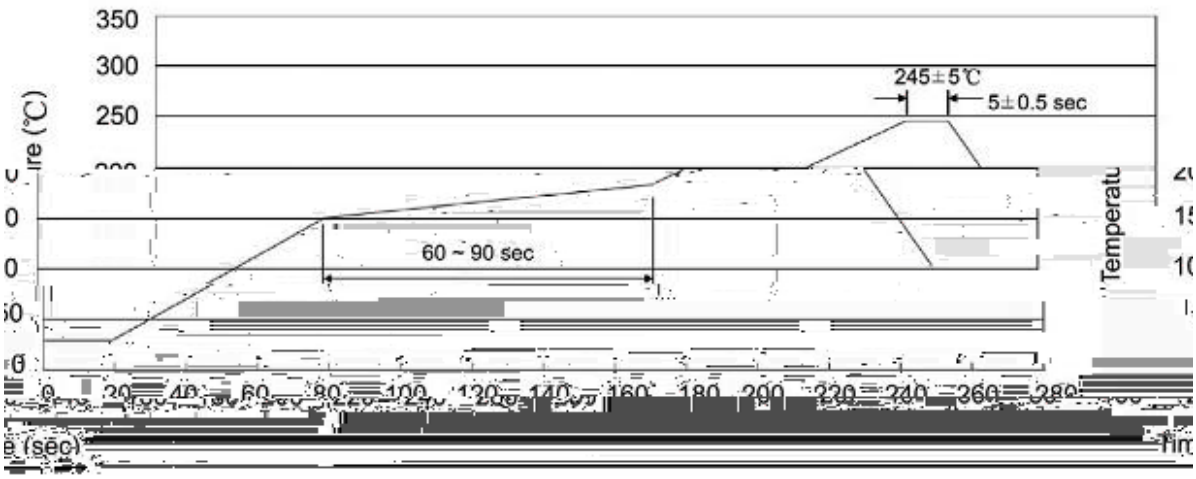
**** y ÿ D Z AÇ A k † 1 * v Ã W A k e µ 3 * ¢ Ã 4 Z W A

Note:

SS52 y Product Type Code

**** y Lot No. Code kThe 1st * means:YM Code kThe last 3 * means:little Lot No Code

š WD t ... • Ž ¢ (x /) / : K S V K X G Z [X K 6 X U L O R K L U X / 8 8 K L R U] 9 U R J K X O T M 6



ª ¢ y

1o• Ä ½ “ † 150 ½180 - k ž • 60 ½90sec;

2o• Q › “ † 245 r5 - k ž • 4 Ò 5 r0.5sec;

3o•D N ò i Ò 0 , † 2 ½10 - /sec.

Note:

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

2.Peak Temp.:245 r5 - , Duration:5 r0.5sec.

3. Cooling Speed: 2~10 - /sec.

ÂD /Cã p ¯ »] / Resistance to Soldering Heat Test Conditions

“ † y 260 r5 -	ž • y 10 r1 sec.	Temp.:260 r5 -	Time:10 r1 sec

G P á / Packaging SPEC.

2 & x / REEL

Package Type
ß m ù ´