

5 é / Descriptions

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

α 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.

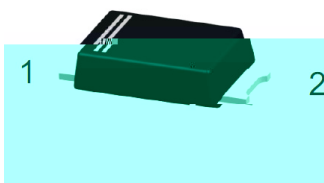
Đ ÷ / Applications

%² " (
General purpose.

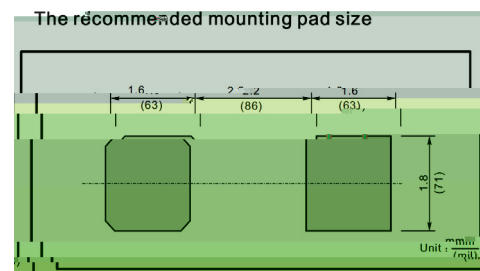
Ã W] Ô . / Equivalent Circuit



• Ů - æ / Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

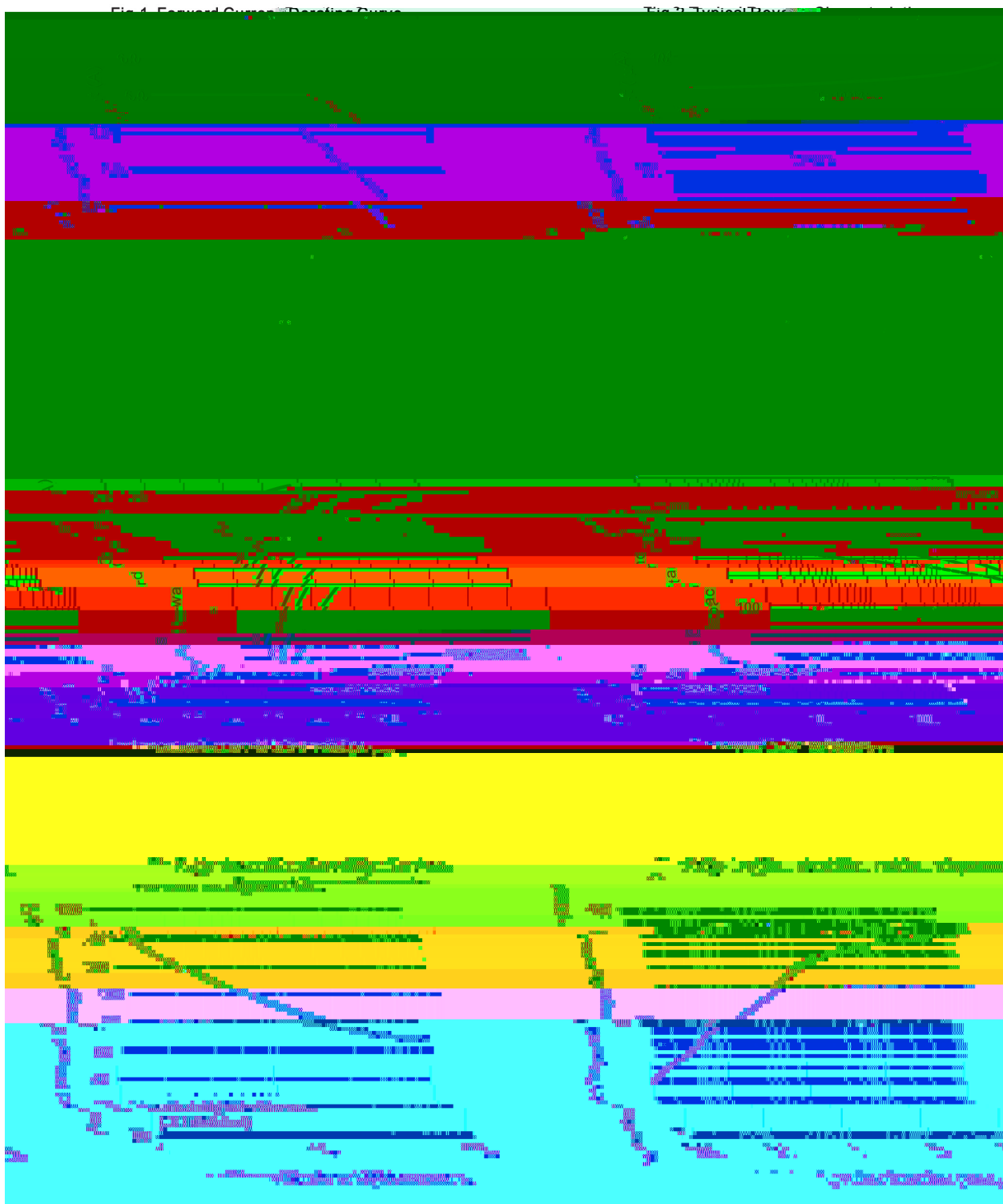


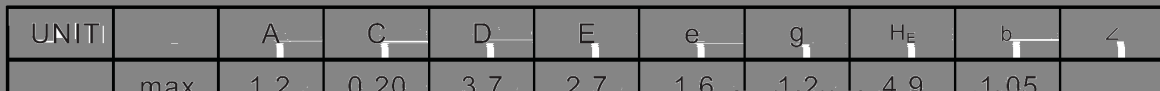
, M V / Marking

• - ~ a ¢ ož See Marking Instructions.

SS52F~SS520F

Electrical Characteristic Curve



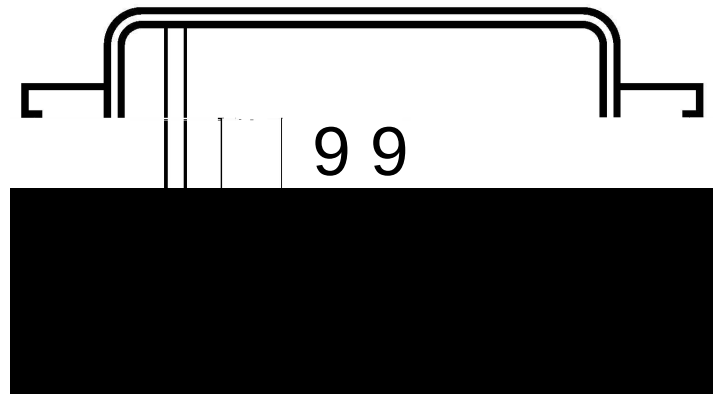
$$\emptyset \propto \rightarrow \mathbb{C}$$


mm				min				
0.8	4.4	0.65	7°	0.9	0.12	3.3	2.4	1.3
47	193	41		max	47	7.9	146	106
mill				min				
0.1	0.35	0.02	1.5°	0.1	0.02	1.7	0.4	0.1
0.1	0.35	0.02		max	0.1	0.02	1.7	0.4

, M y f / Marking Instructions

Marking	
Type number	Marking code
SS56F	SS56
SS58F	SS58
SS510F	SS510
SS512F	SS512
SS515F	SS515
SS520F	SS520

, M y f / Marking Instructions



^a ¢ y

SS52 y ° Z W A

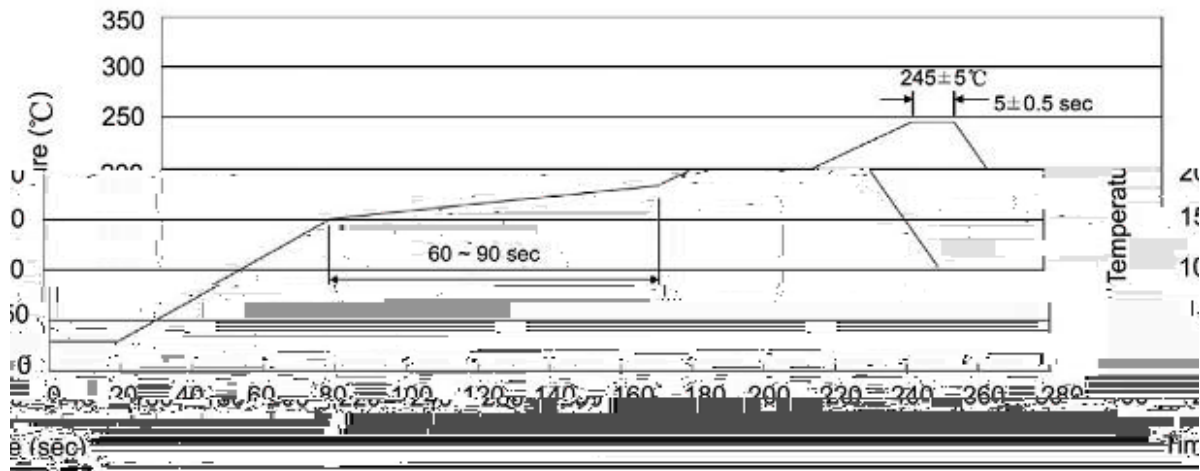
**** y ÿ D Z A Ç A k † 1 * v Ã W A k e µ 3 * ¢ Ã 4 Z W A

Note:

SS52 y Product Type Code

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

šWD t... •Žč (x/) / :KSVKXGZ[XK 6XULORK LUX /8 8KLRU] 9URJKXOTM 6



ačy

10•Ä½“† 150½180 - kž• 60½90sec;

20•Q>“† 245 r5 - kž•4 Ò 5 r0.5sec;

30•D N ò i Ò 0 , † 2½10 - /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´