

/ Descriptions

20~200V 1.0A SMAF
Surface Mount Schottky Barrier Rectifier, Reverse Voltage 20 to 200 V, Forward Current:1.0A ,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.

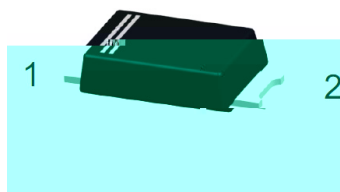
/ Applications

General purpose.

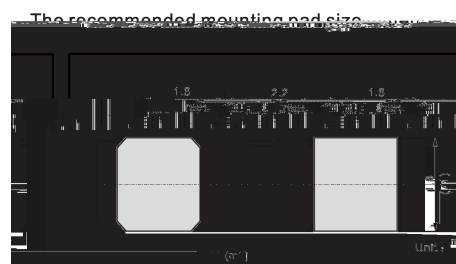
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



/ Marking

See Marking Instructions.

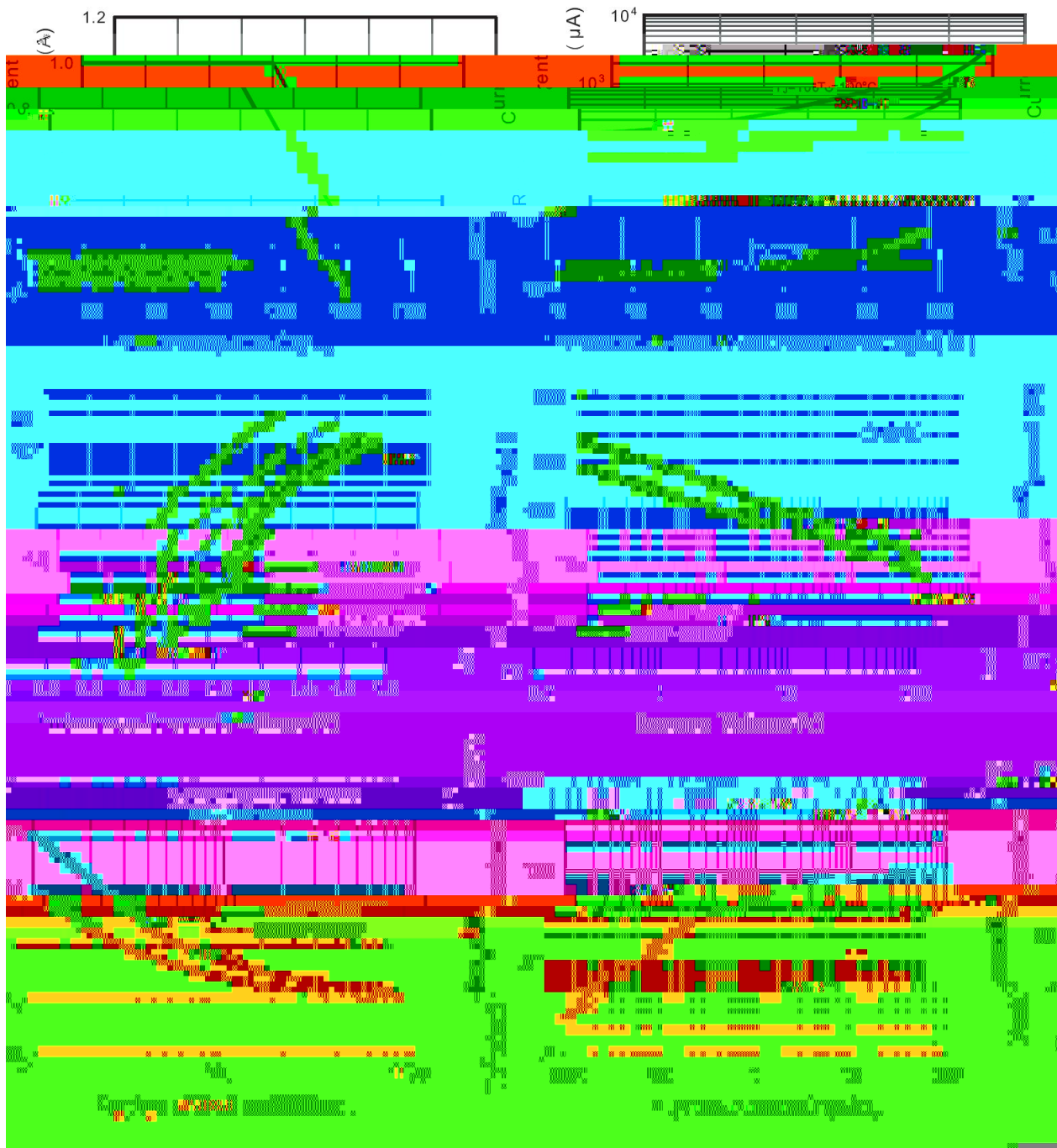
SS12F~SS120F

Rev. E May.-2019

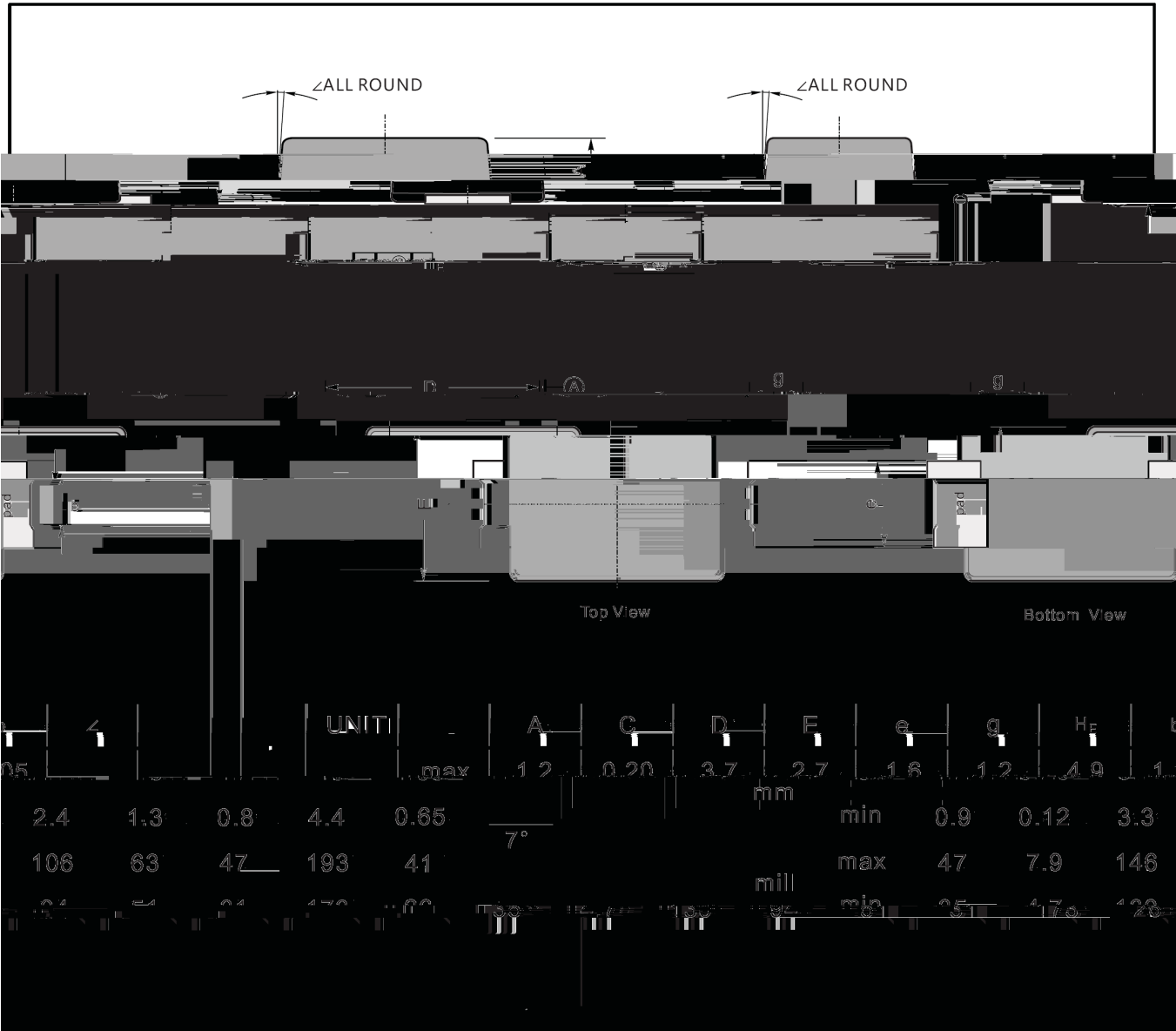


DATA SHEET

/ Electrical Characteristic Curve



/ Package Dimensions



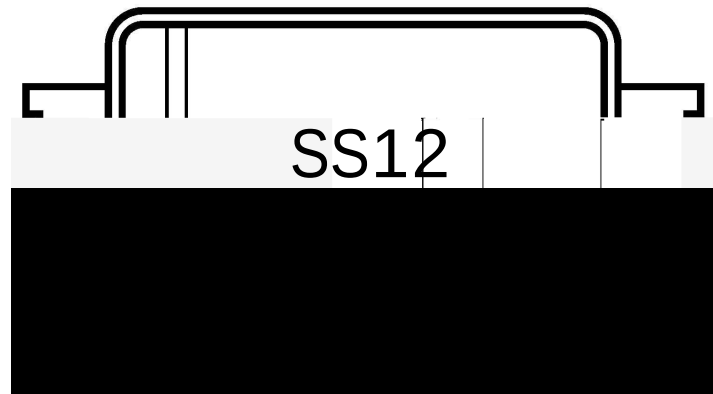
/ Marking Instructions

Marking

Type number	Marking code
SS12F	SS12
SS14F	SS14
SS16F	SS16

SS110F	SS110
SS112F	SS112
SS115F	SS115
SS120F	SS120

/ Marking Instructions



SS12

1 *

3 *

Note:

SS12 Product Type Code

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

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- Note:

1	150	180	60	90sec;	1.Preheating:150~180 , Time:60~90sec.
2	245±5		5±0.5sec;	2.Peak Temp.:245±5 , Duration:5±0.5sec.	
3		2	10	/sec.	3. Cooling Speed: 2~10 /sec.

/ Resistance to Soldering Heat Test Conditions

260±5	10±1 sec.	Temp.:260±5	Time:10±1 sec
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