

/ 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.

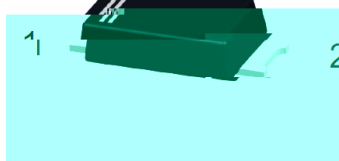
/ Applications

General purpose.

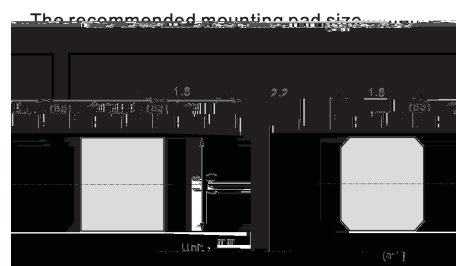
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode



/ Marking

See Marking Instructions.

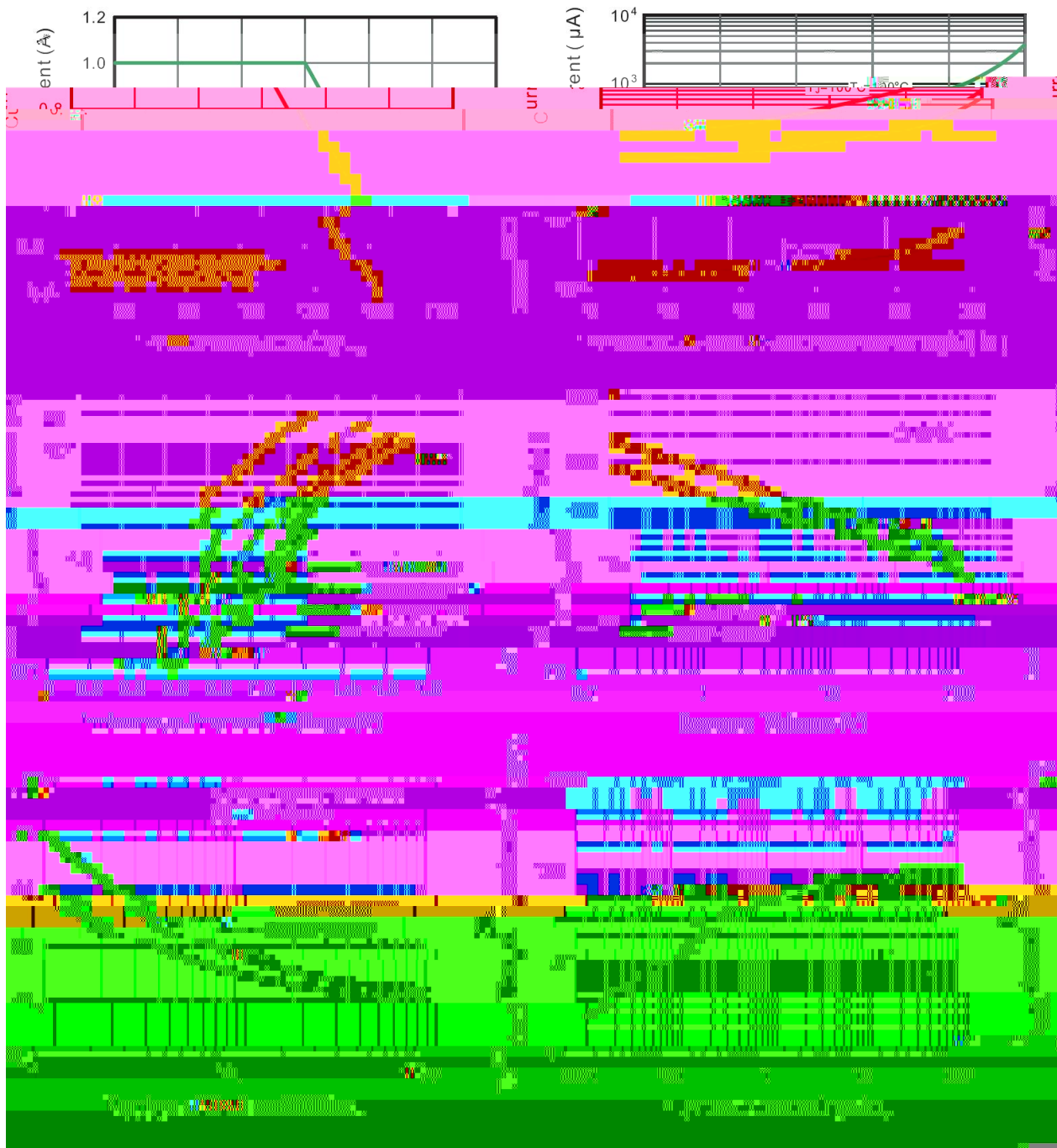
SS12F~SS120F

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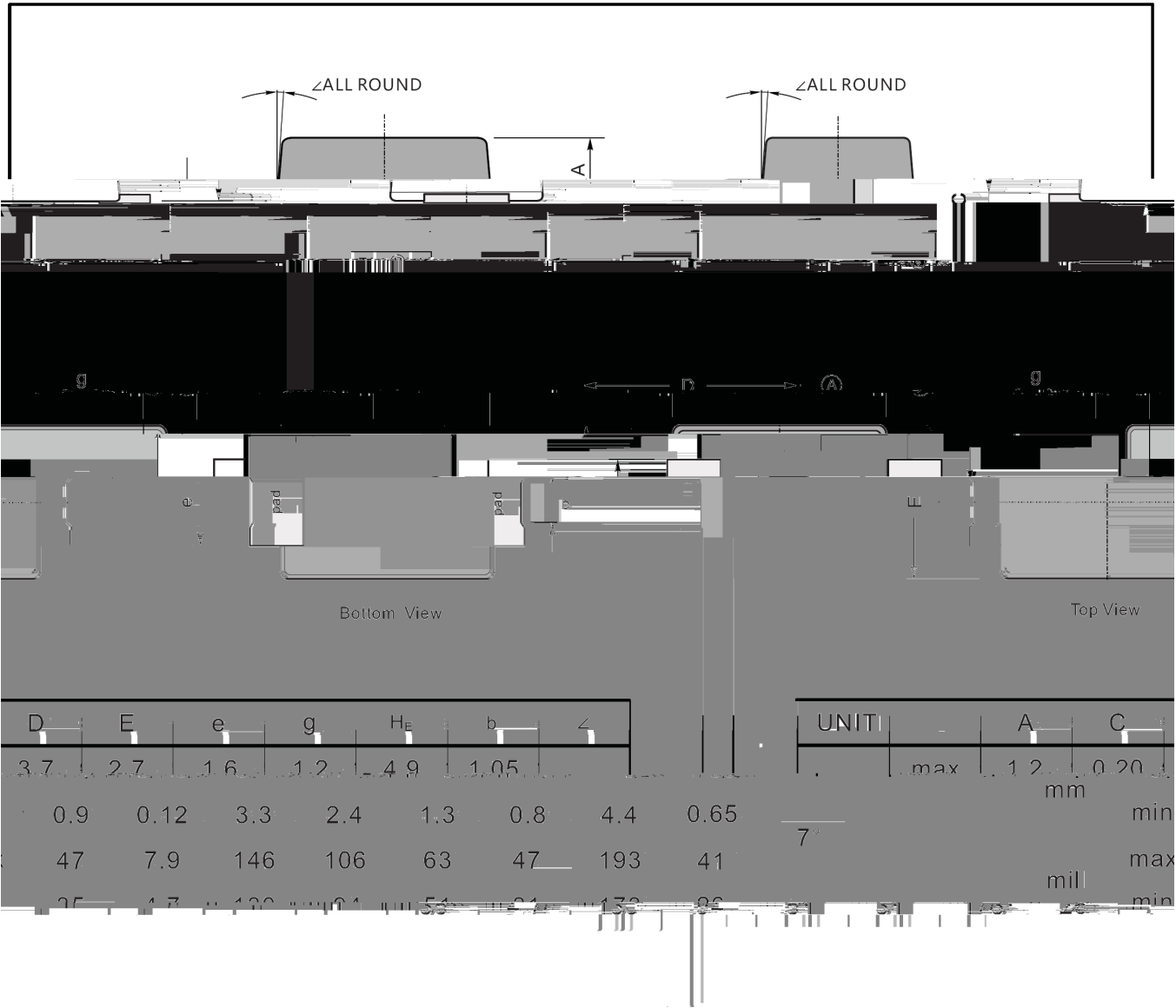


DATA SHEET

/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions

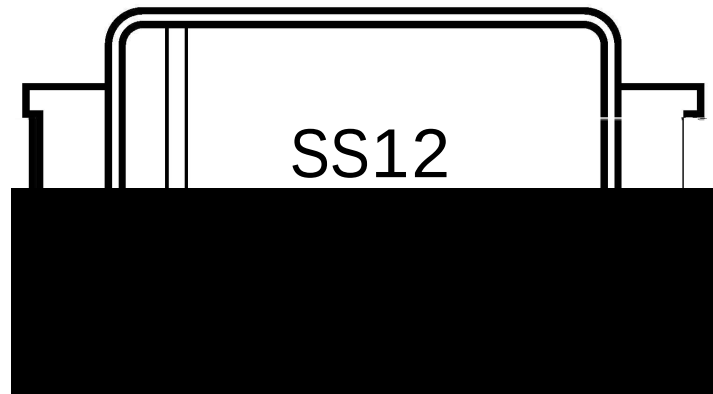
Marking

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

2. Peak Temp.:245±5 , Duration:5±0.5sec.

3. Cooling Speed: 2~10 /sec.
- | | | |
|---|---------|-----------|
| 1 | 150 180 | 60 90sec; |
| 2 | 245±5 | 5±0.5sec; |
| 3 | 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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