

/ Descriptions

20~200V

2.0A

SMAF

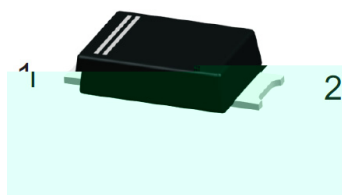
Surface Mount Schottky Barrier Rectifier, Reverse Voltage:20 to 200 V, Forward Current:2.0A, SMAF thin package.

/ 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.

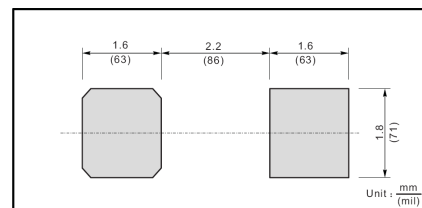
/ Applications

General purpose.

/ Equivalent Circuit**/ Pinning**

PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size

**/ Marking**

See Marking Instructions.

SS22F~SS220F

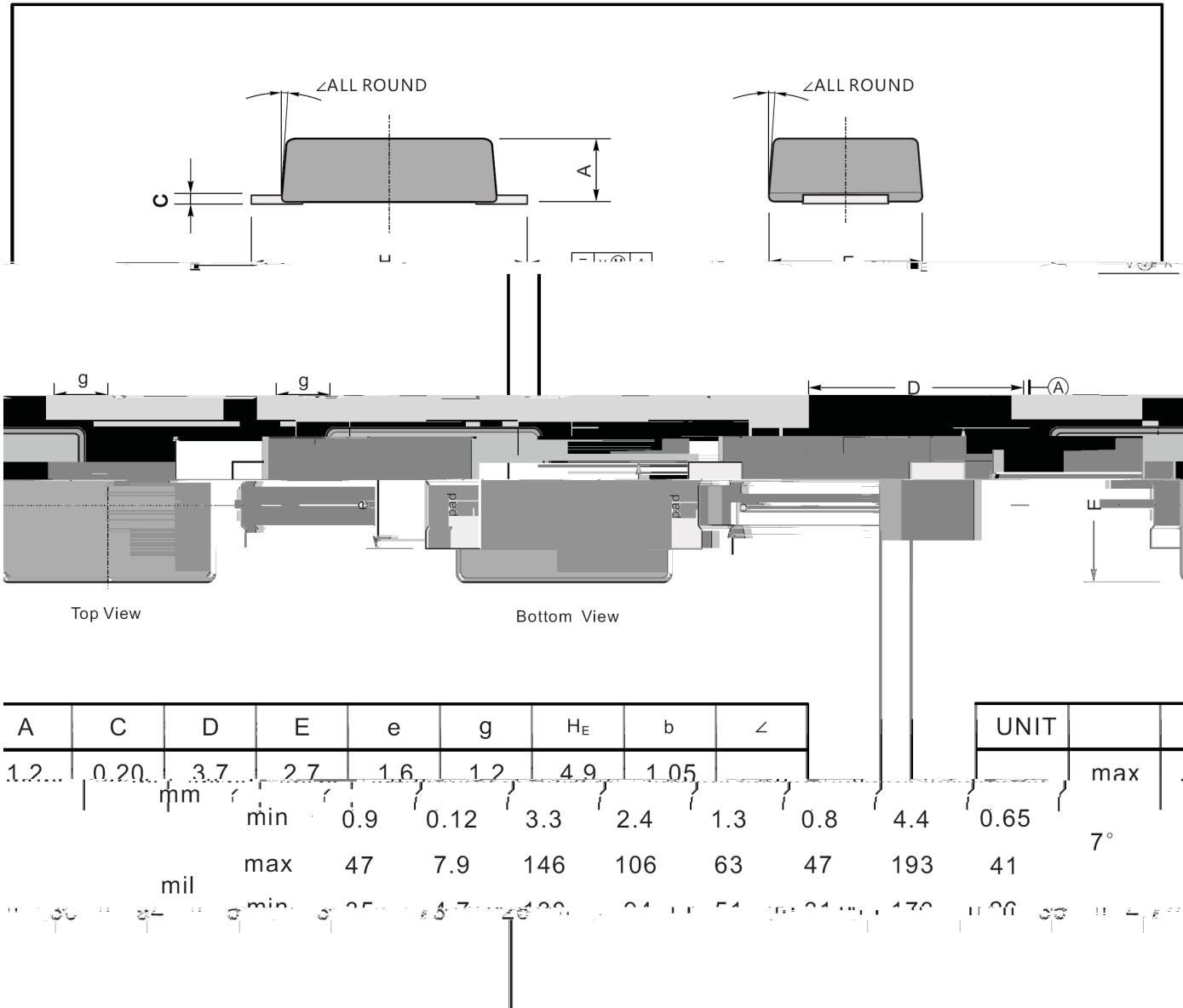
Rev. H May.-2019

Parameter	Symbol	Rating								Unit
		SS22F	SS24F	SS26F	SS28F	SS210F	SS212F	SS215F	SS220F	
Maximum Repetitive Peak Reverse Voltage	V _{RRM}	20	40	60	80	100	120	150	200	V
Maximum RMS voltage	V _{RMS}	14	28	42	56	70	84	105	140	V
Maximum DC Blocking Voltage	V _{DC}	20	40	60	80	100	120	150	200	V
Maximum Average Forward Rectified Current	I _{F (AV)}	2.0								A
Peak Forward Surge Current,8.3ms Single Half Sine-wave Superimposed on Rated Load (JEDEC method)	I _{FSM}	50								A
Typical Junction Capacitance ¹⁾	C _j	160		80						pF
Typical Thermal Resistance ²⁾ Total Power	R _{θJA}	80								°C/W

/ Electrical Characteristic Curve



/ Package Dimensions



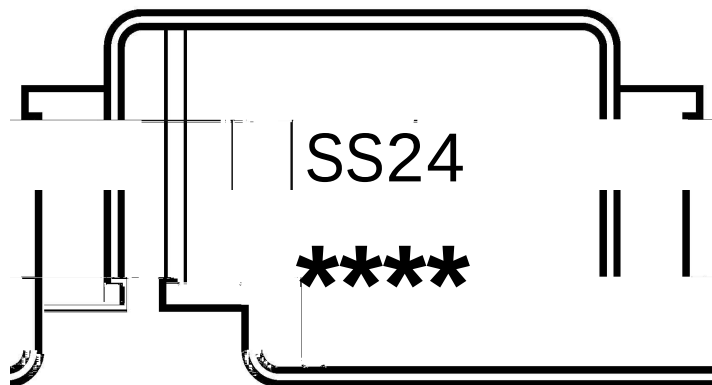


/ Marking Instructions

Marking

e	Type number		Marking cod	
	SS22F		SS22	
	SS24F		SS24	
	SS26F		SS26	
	SS28F		SS28	
0F	SS210		SS210	
2F	SS212		SS210	
5F	SS215		SS210	
0F	SS220		SS220	

/ Marking Instructions



SS24

1 *

3 *

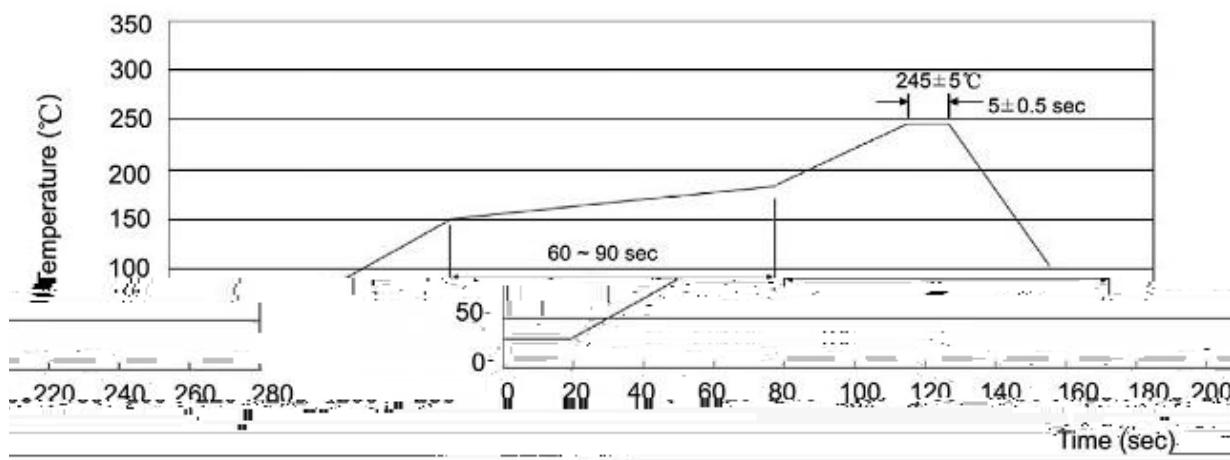
Note:

SS24 Product Type Code

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



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



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 | | | |