

/ 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

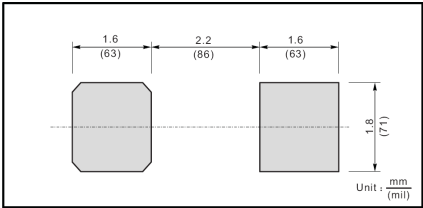


/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

The recommended mounting pad size



/ Marking

See Marking Instructions.

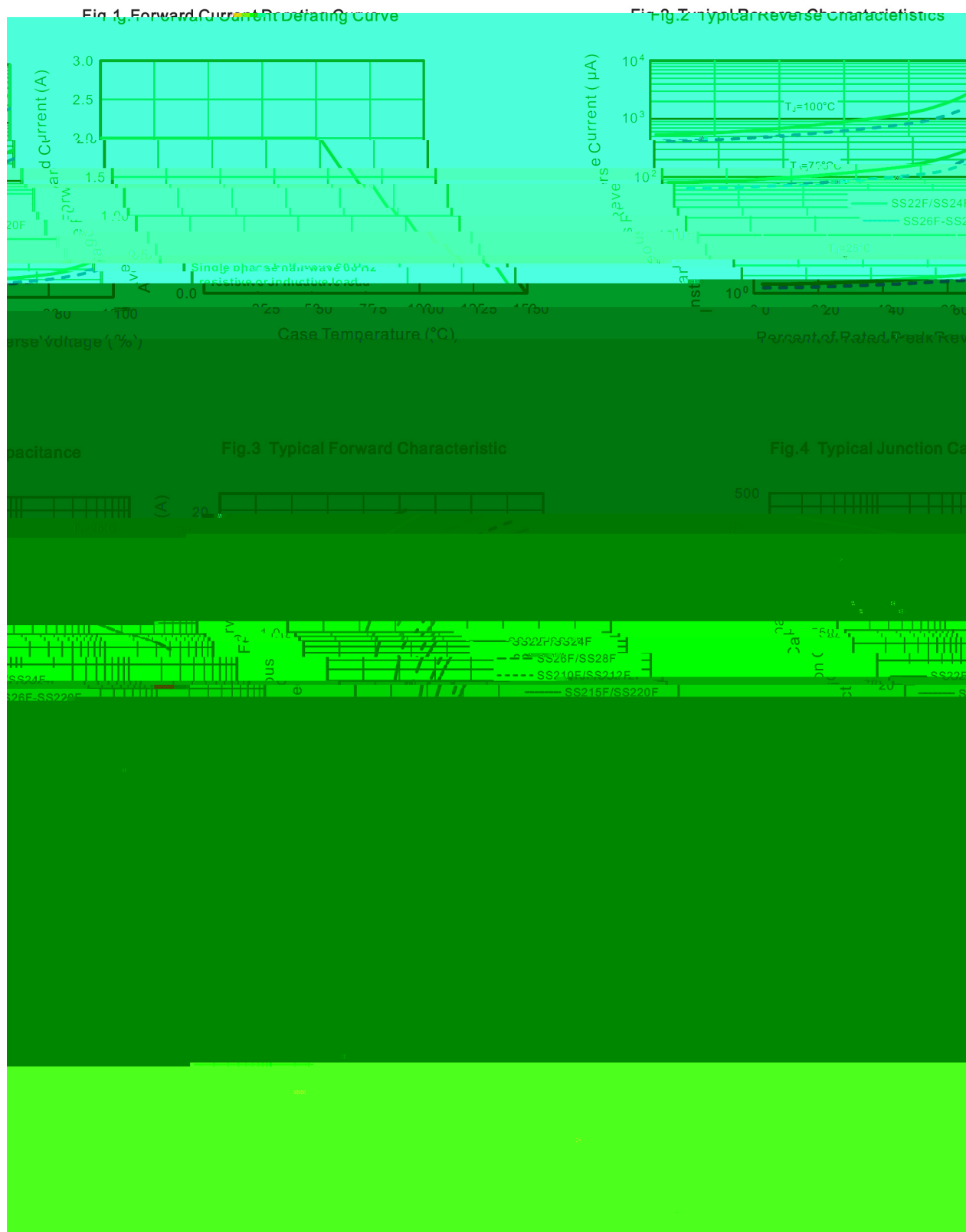
SS22F~SS220F

Rev. H May.-2019

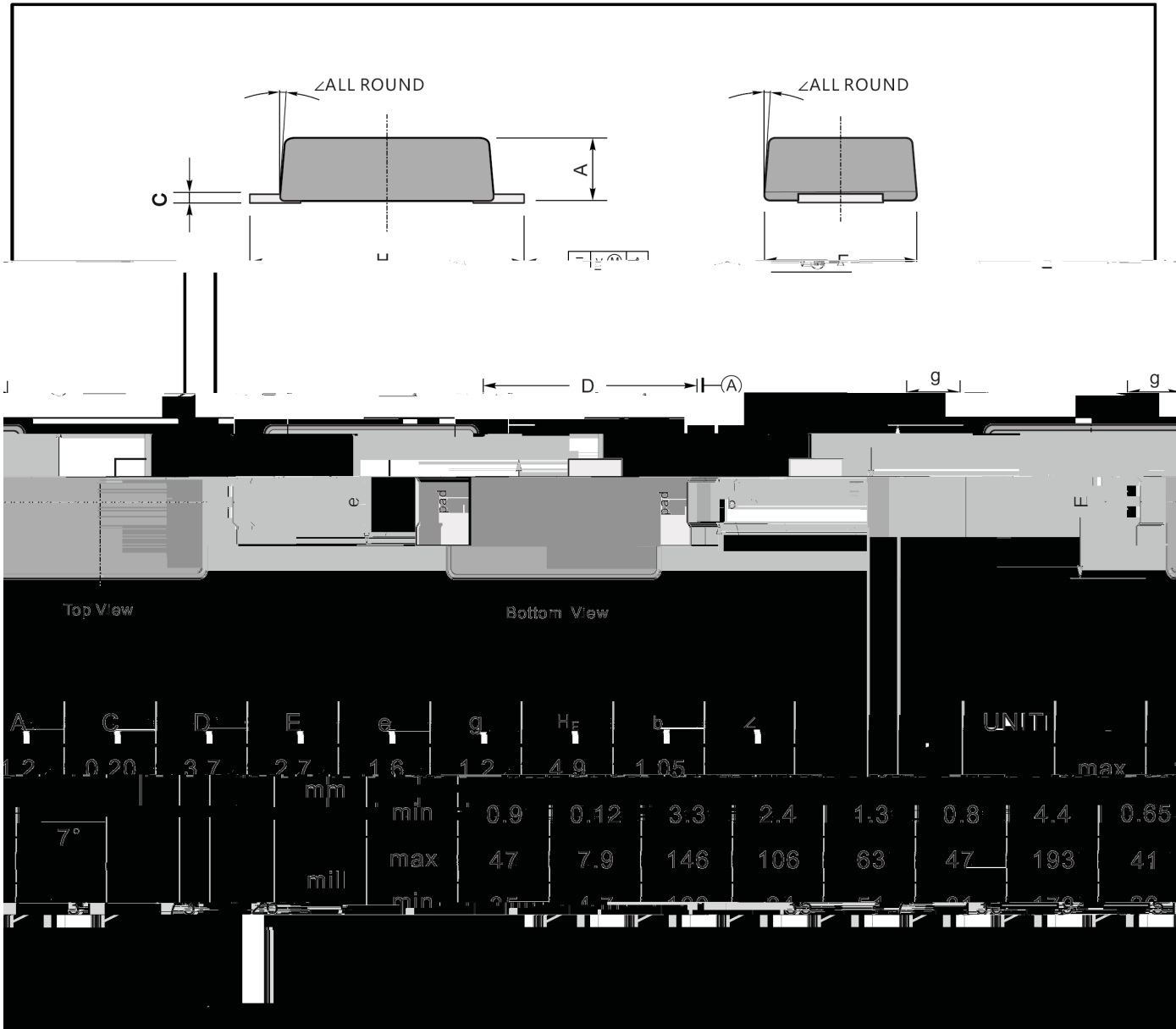

蓝箭电子
 BLUE ROCKET ELECTRONICS
DATA SHEET

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⁾	R _{θJA}	80								°C/W
Total Power I										

/ Electrical Characteristic Curve



/ Package Dimensions



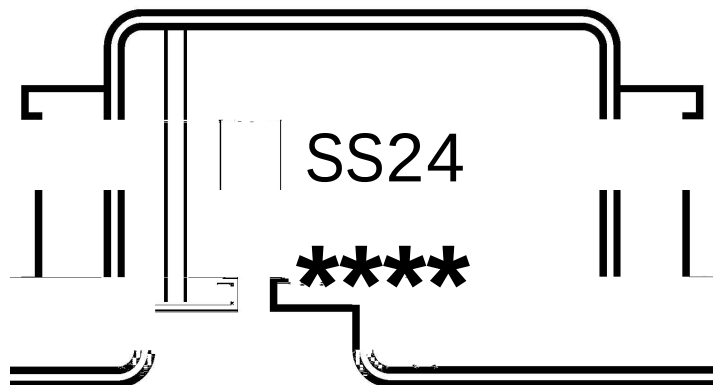
/ Marking Instructions

Marking

e	Type number	Marking cod
	SS22F	SS22
	SS24F	SS24
	SS26F	SS26
	SS28F	SS28

SS210	SS210
SS212	SS212
SS215	SS215
SS220	SS220

/ Marking Instructions



SS24

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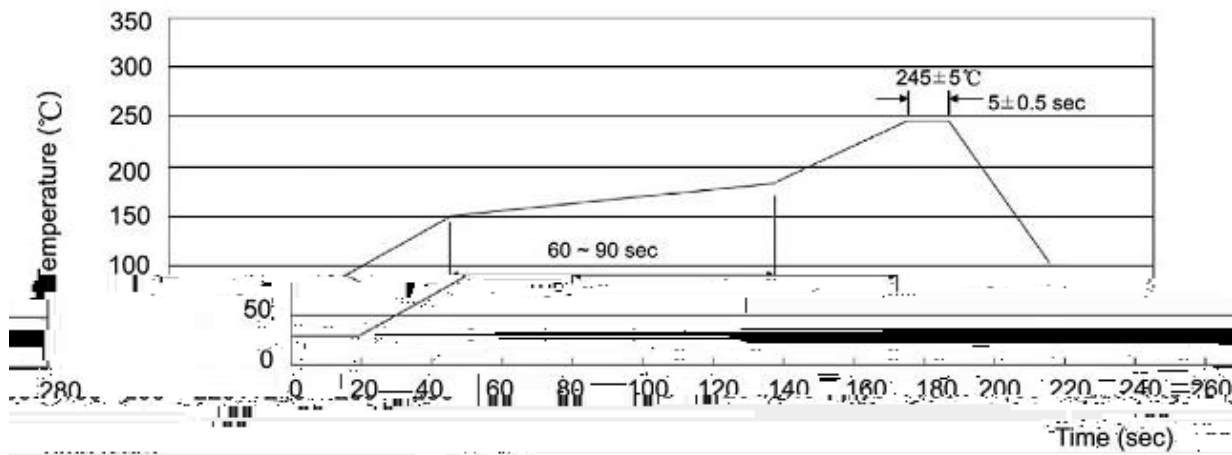
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Note:

SS24 Product Type Code

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

() /



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 | | | | | |