

|   |           |     |                               |   |  |
|---|-----------|-----|-------------------------------|---|--|
|   |           |     |                               |   |  |
| A | 2019-7-23 | all | SMC-S-SS82C_SS820C-8A20<br>0V | 容 |  |

|   |          |     |    |             |         |
|---|----------|-----|----|-------------|---------|
|   |          |     |    | SS220C      | SS820C  |
| B | 2021-2-9 | 2/8 | Cj | 600 400     | 900 600 |
|   |          |     | VF | SS88C=0.70V | 0.85V;  |

# **SS82C~SS820C**

Rev. B Feb.-2021

**DATA SHEET**

# SS82C~SS820C

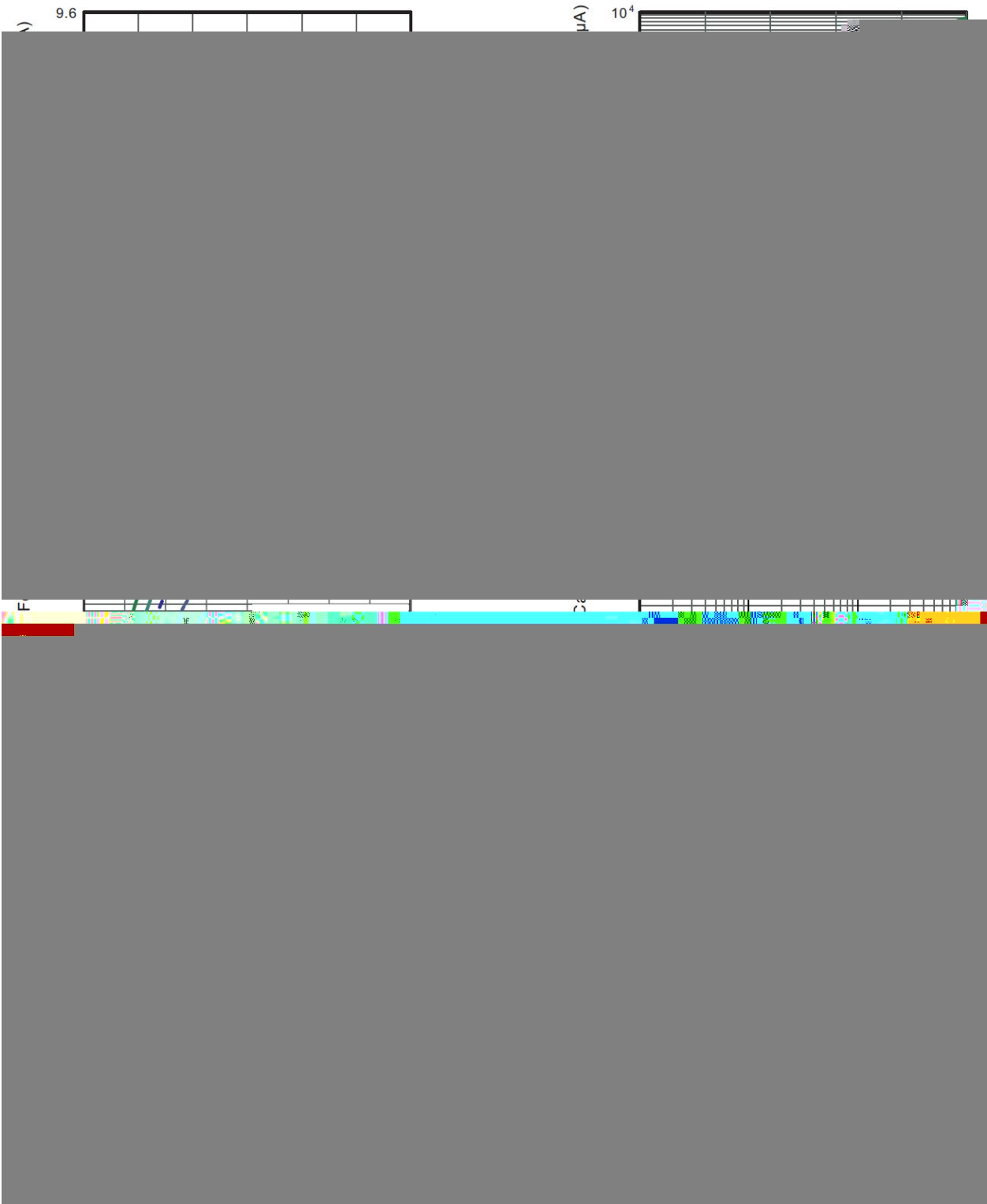
Rev. B Feb.-2021



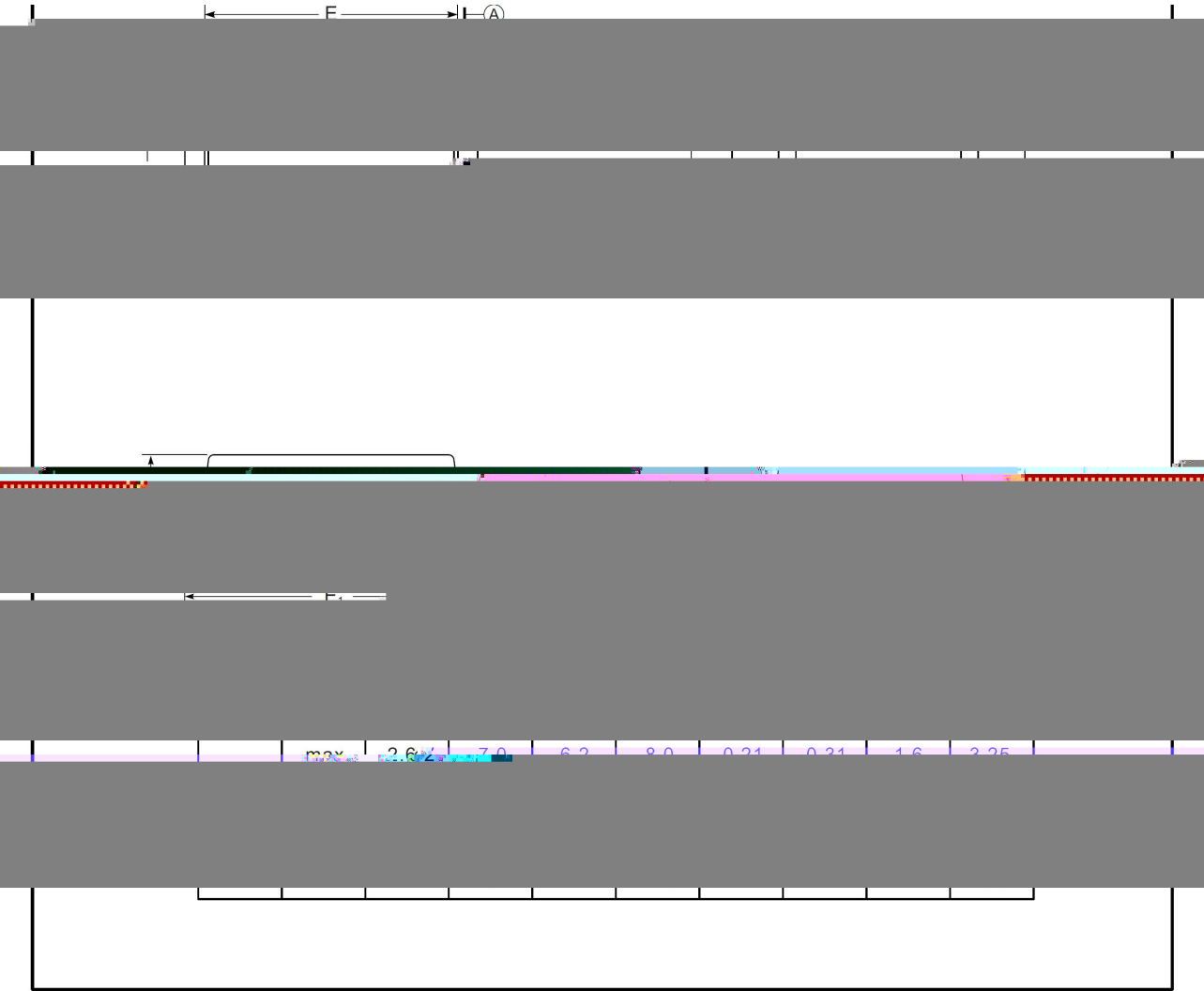
DATA SHEET

| Parameter                                                   | Symbol     | Rating |       |       |       |        |        |        |        | Unit |
|-------------------------------------------------------------|------------|--------|-------|-------|-------|--------|--------|--------|--------|------|
|                                                             |            | SS82C  | SS84C | SS86C | SS88C | SS810C | SS812C | SS815C | SS820C |      |
| 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                   | $I_F (AV)$ | 8.0    |       |       |       |        |        |        |        | A    |
| Peak Forward Surge Current, 8.3ms Single Half Sine-wave Sup |            | HAe    |       |       |       |        |        |        |        |      |

/ Electrical Characteristic Curve



/ Package Dimensions



|           |          |
|-----------|----------|
| <i>IS</i> | <b>F</b> |
|-----------|----------|

/ Marking Instructions



SS82

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1 \*

3 \*

Note:

SS82 Product Type Code

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



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