

US8AC~US8MC

Rev.A Jan.-2023

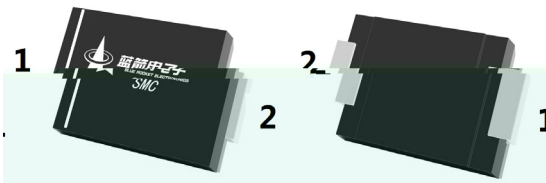
50V~1000V 8.0A SMC

Surface Mount Ultrafast Recovery Rectifier, Reverse Voltage: 50 to1000V, Forward Current: 8.0A, SMC package.

RoHS 2011/65/EU

Glass Passivated Chip Junction Superfast reverse recovery time Lead free in comply with EU ROHS 2011/65/EU directives For surface mounted applications HF Product.

General purpose.

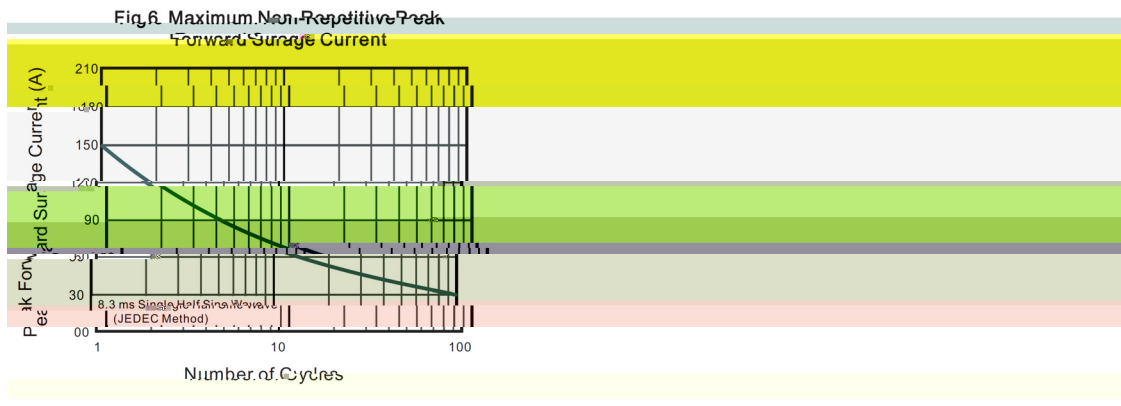
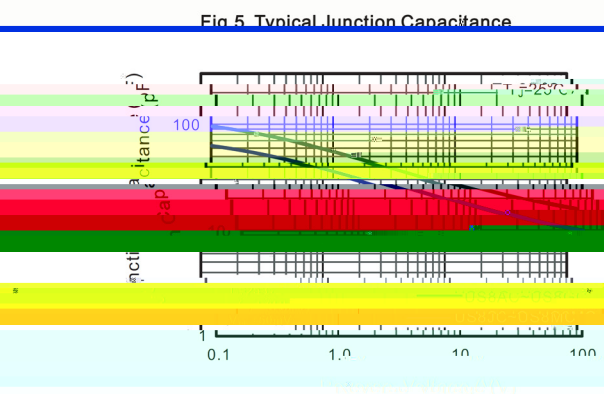
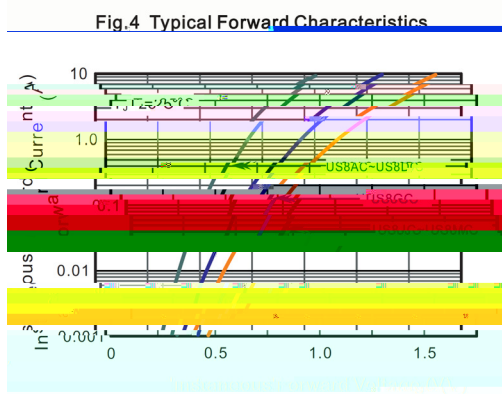
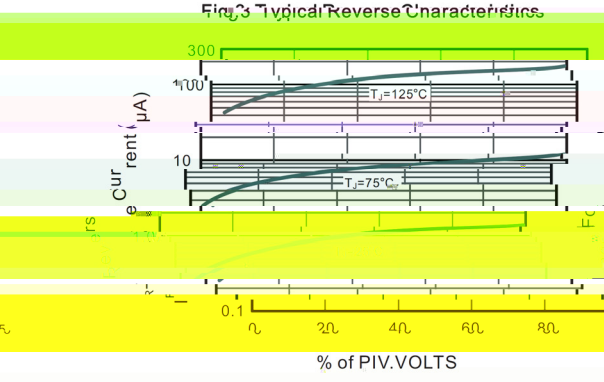
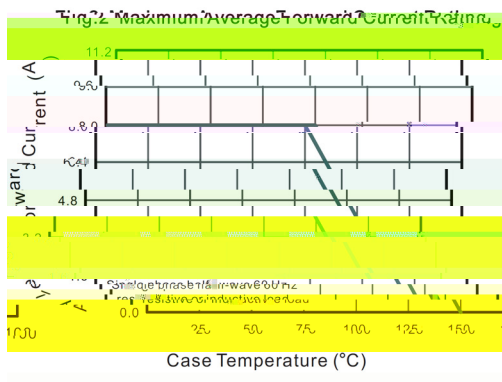
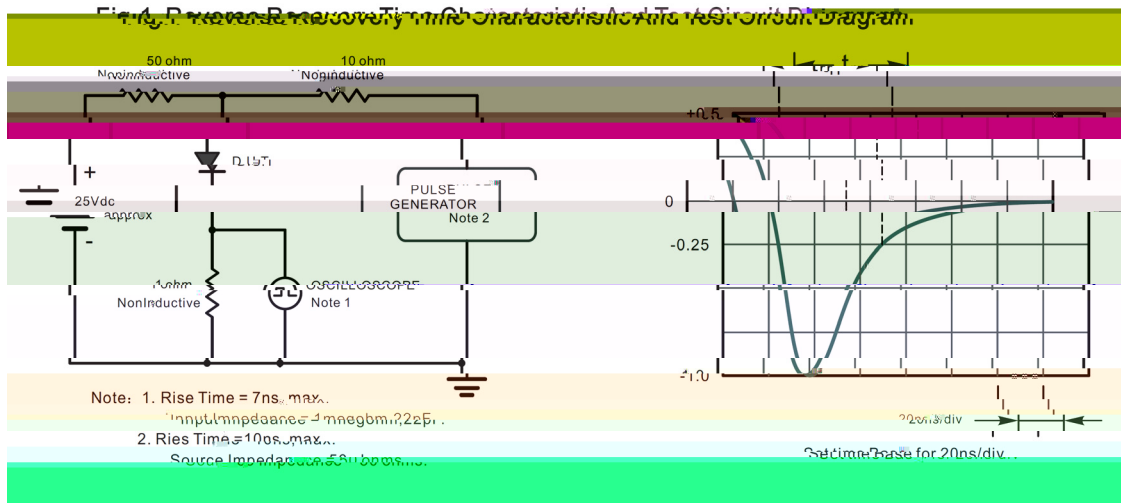


PIN	DESCRIPTION
1	Cathode
2	Anode

/ Marking

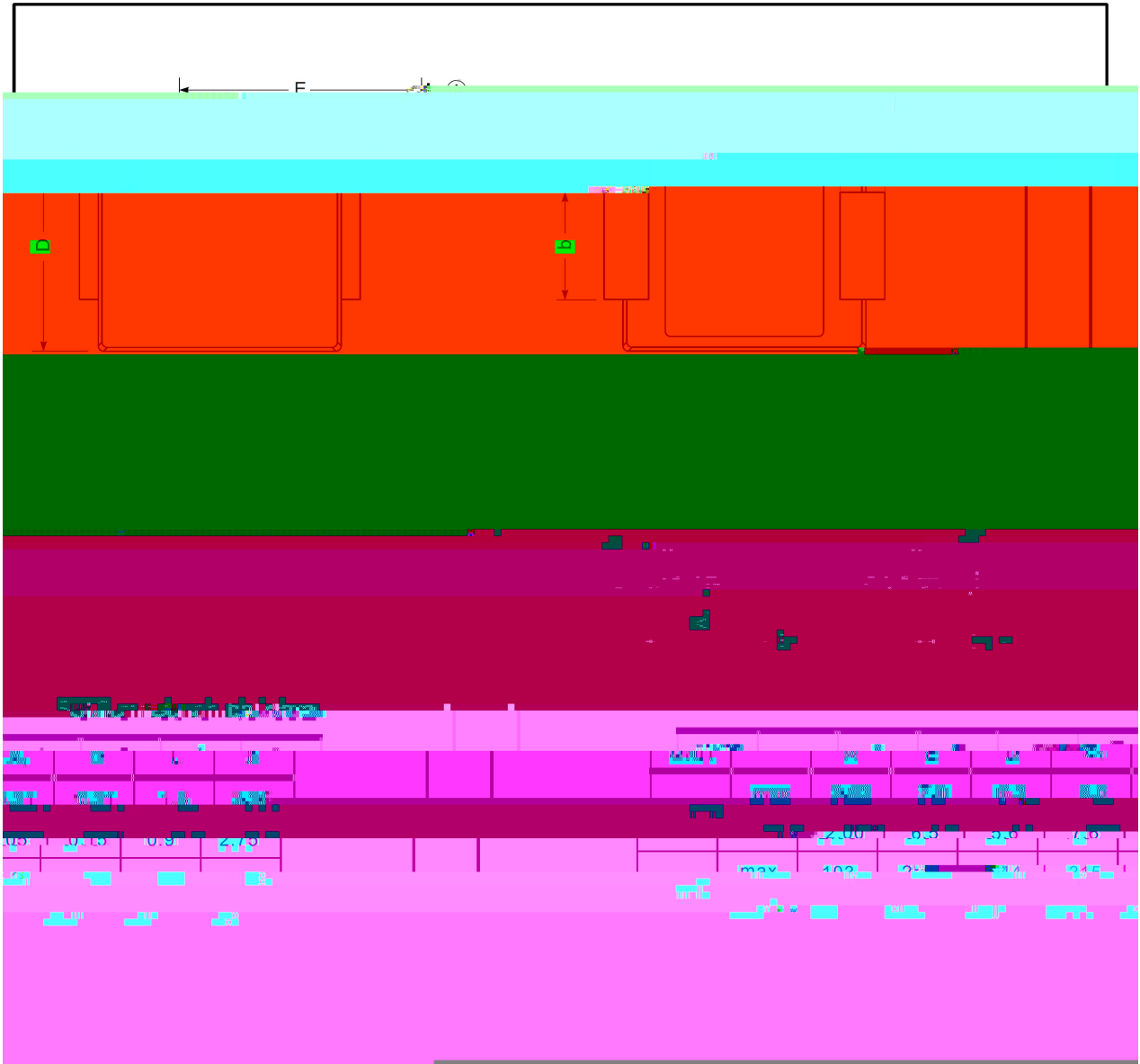
See Marking Instructions.

/ Electrical Characteristic Curve



/ Package Dimensions

SMC



() / 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 | | | 2 | 10 /sec. | 3. Cooling Speed: 2~10 /sec. |

10 / Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ REEL