

/ Descriptions

Surface Mount Schottky Barrier Rectifiers, Reverse Voltage 20 to 200V,Forward Current: 3.0A ,SMB package.

/ Features

Glass Passivated Chip Junction, Lead free in comply with EU RoHS 2011/65/EU directives, For surface mounted applications. HF product.

/ Applications

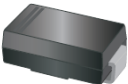
General purpose.

/ Equivalent Circuit



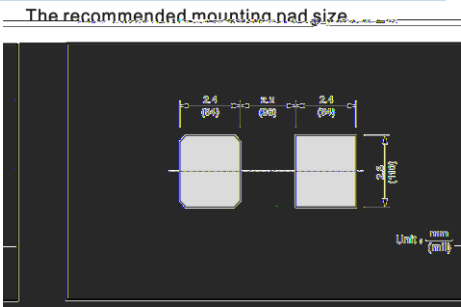
/ Pinning

1



2

PIN	DESCRIPTION
1	Cathode
2	Anode



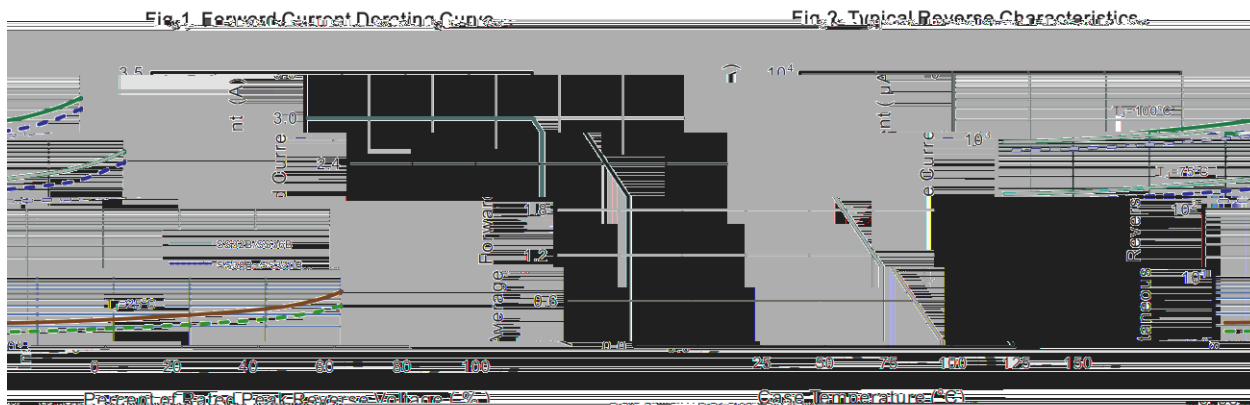
/ Marking

See Marking Instructions.

SS32B~SS320B

Rev. B Dec.-2023

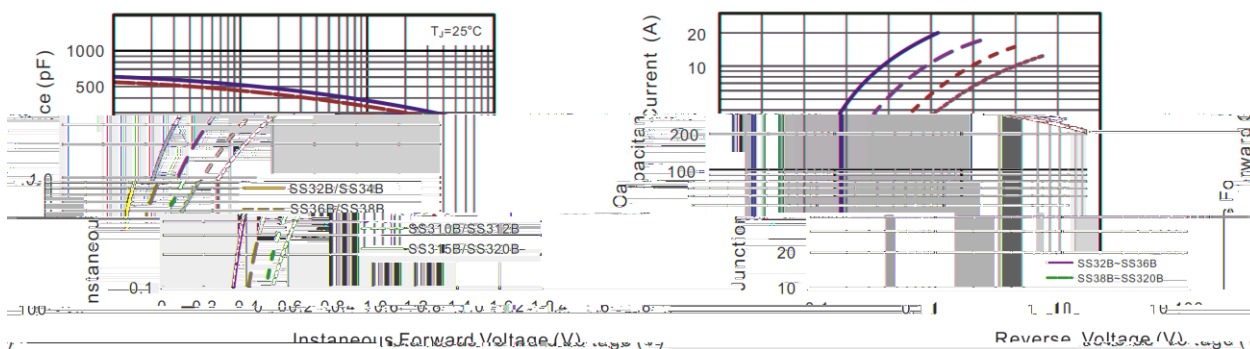
/ Electrical Characteristic Curve



Typical Junction Capacitance

Fig.3 Typical Forward Characteristic

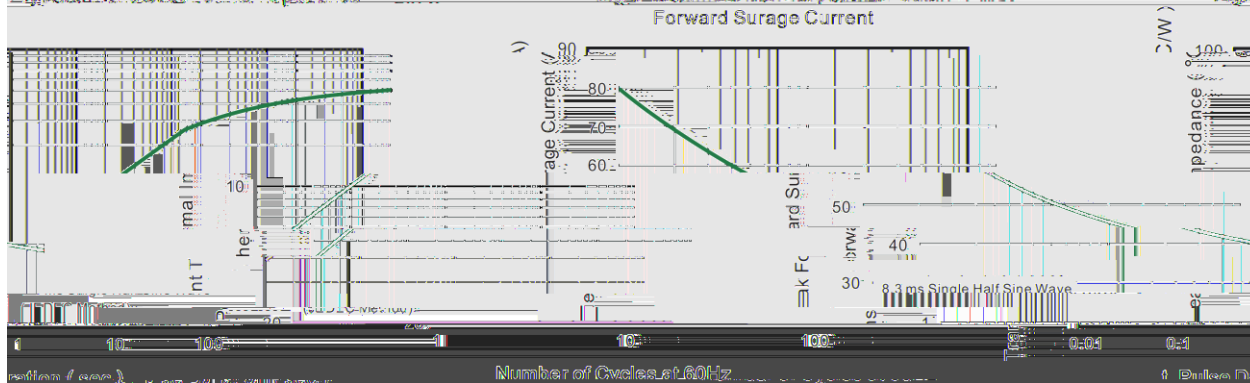
Fig.4 1



Impedance

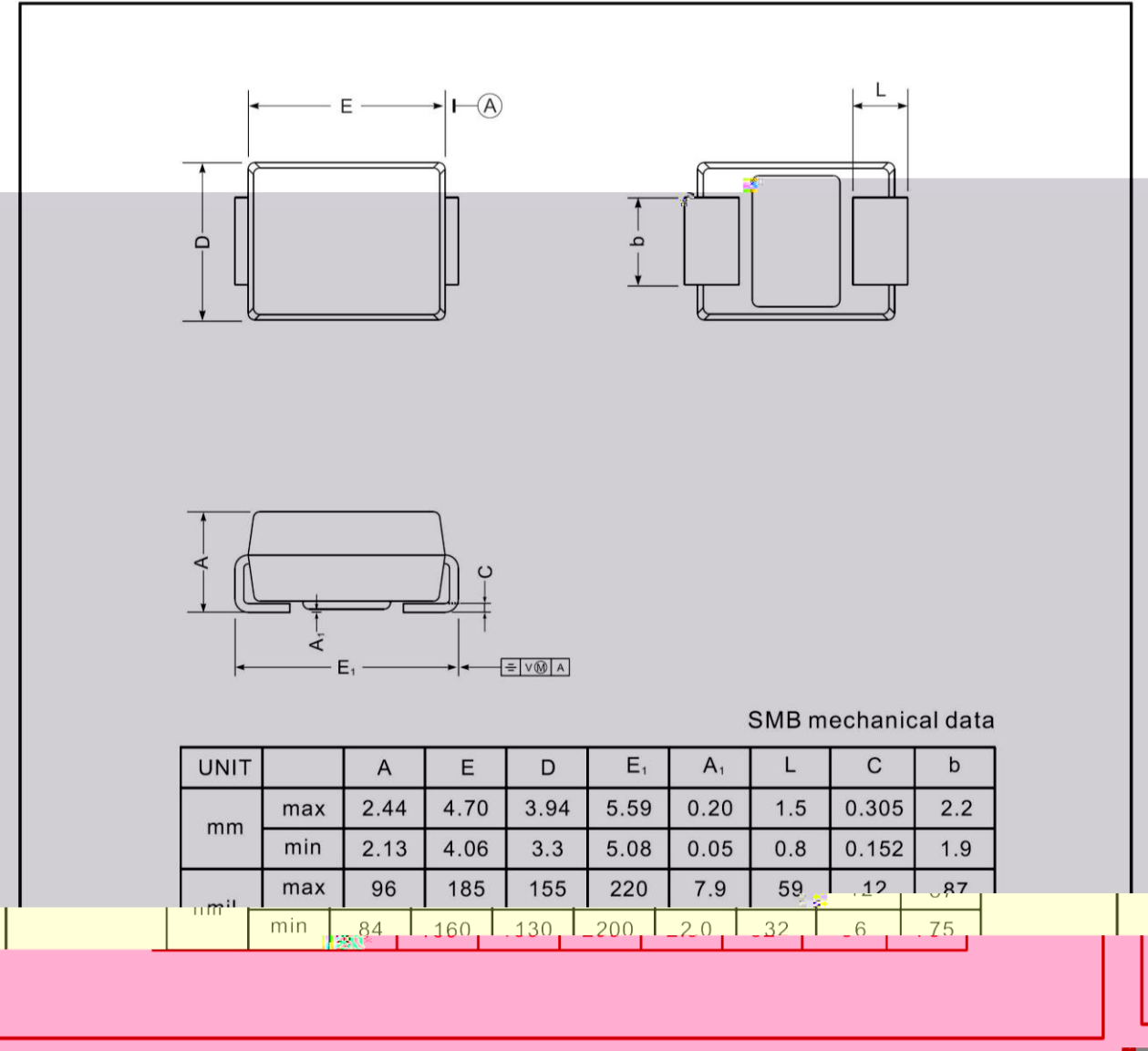
Fig.5 Maximum Non-Repetitive Peak

Fig.6 Typical Transient Thermal



/ Package Dimensions

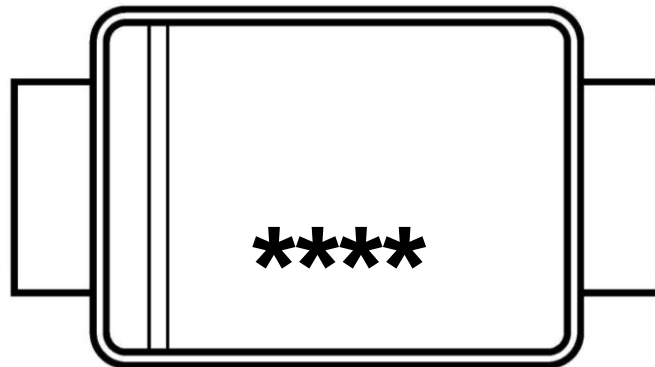
SMB



Marking

Type number	Marking code
	SS32B
	SS34B
	SS36B
	SS38B
	SS310B
	SS312B
	SS315B
	SS320B

/ Marking Instructions

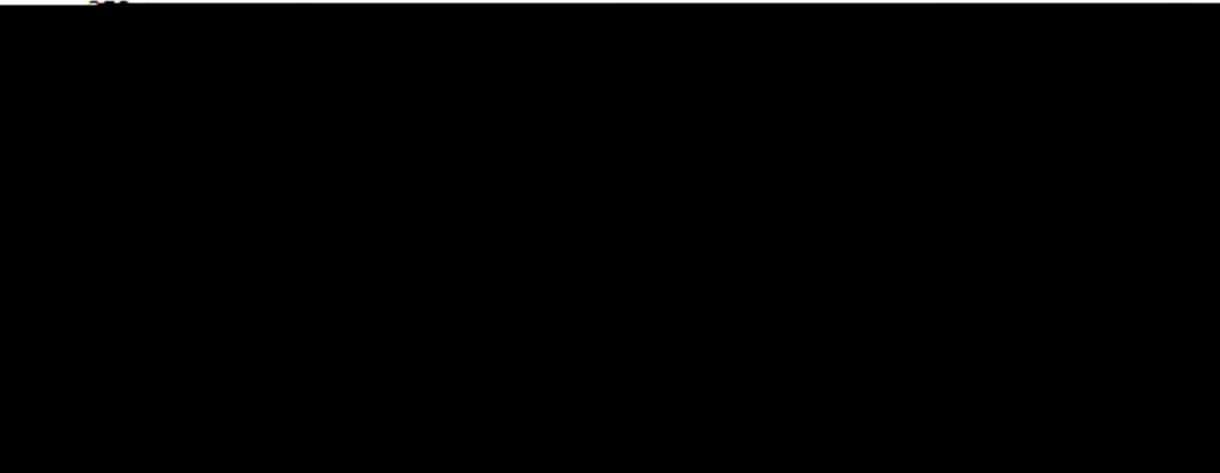


Note:

Product Type Code

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

() /



Note:

- 1

25 150

60 90sec;
- 2

245 5

5 0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

,

Time:60~90sec.
- 2.Peak Temp.:245 5

,

Duration:5 0.5sec.
3. Cooling Speed: 2~10

/sec.

/ Resistance to Soldering Heat Test Conditions

260 5

10 1 sec.

Temp.:260 5

Time:10 1 sec

/ Packaging SPEC.

/ REEL

Package Type 封装形式	Units 包装数量					Dimension 包装尺寸 (unit: mm ³)		
	Units/Reel 只/卷盘	Reels/Inner Box 卷盘/盒	Units/Inner Box 只/盒	Inner Boxes/Outer Box 盒/箱	Units/Outer Box 只/箱	Reel	Inner Box 盒	Outer Box 箱
SMB	3,000	2	6,000	7	42,000	13 ×12	336X336X40	380X335X366

/ Notices