

/ Descriptions

433Y513DSMAF

Surface Mount Schottky Barrier Rectifier, Reverse Voltage 100V, 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,HF Product.

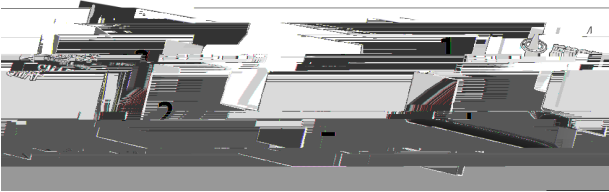
/ Applications

General purpose.

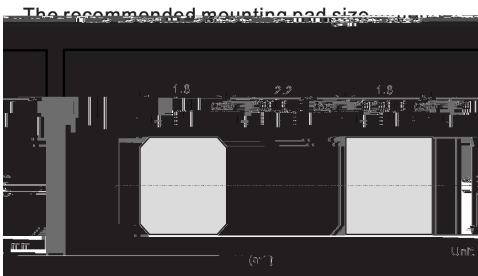
/ Equivalent Circuit



/ Pinning



PIN	DESCRIPTION
1	Cathode
2	Anode

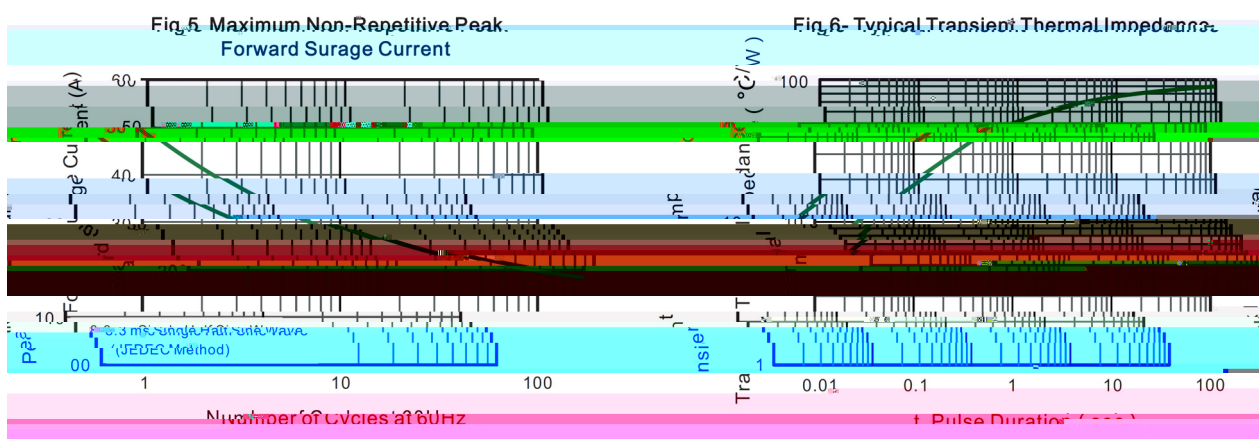
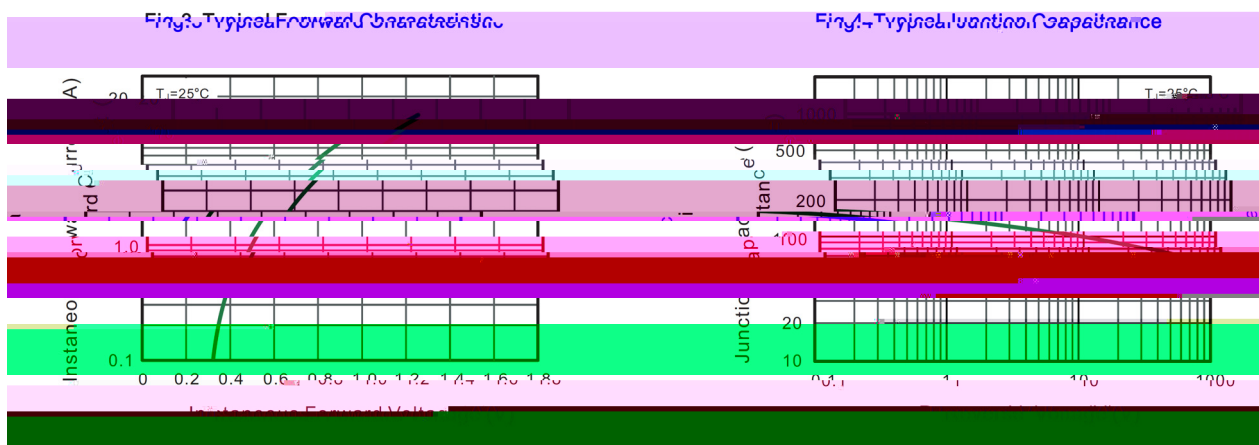
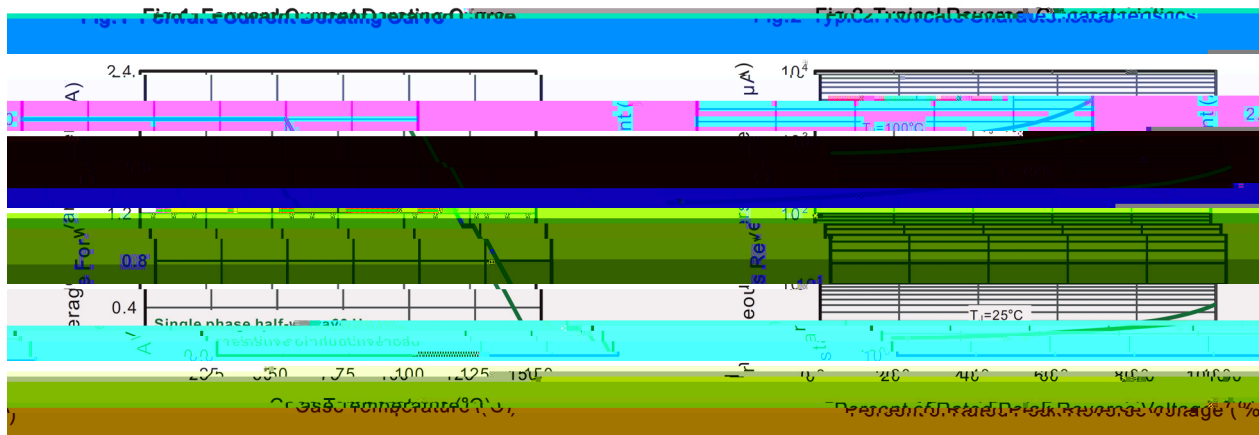


/ Marking

See Marking Instructions.

Parameter	Symbol	Rating	Unit
Maximum Repetitive Peak Reverse Voltage	V_{RRM}	100	V
Maximum RMS voltage	V_{RMS}	70	V

/ Electrical Characteristic Curve



/ Marking Instructions



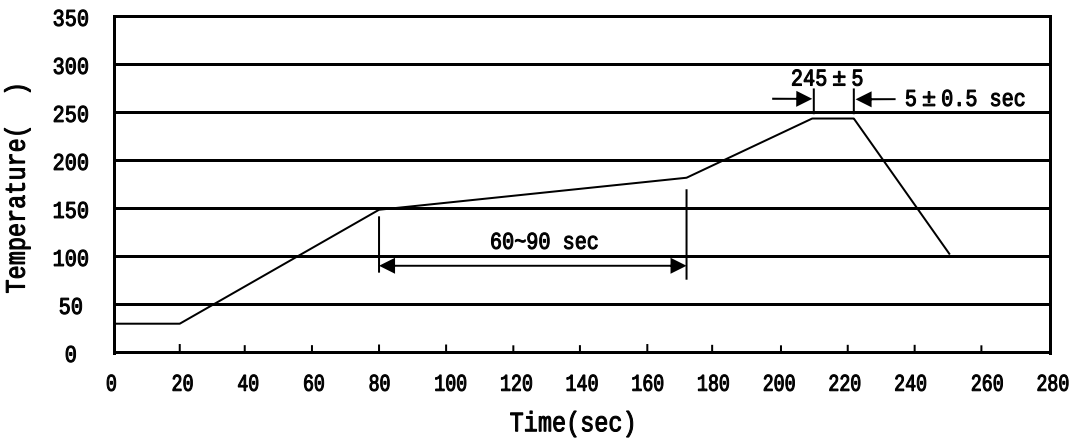
V0543

Note:

V0543 Product Type Code

**** Lot No. Code, code change with Lot No

() /



Note:

- 1

150 180%

60 90sec;
- 2

245 ± 5%

5 ± 0.5sec;
- 3

2 10%/sec.
- 1.Preheating:150~180%, 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	Units					Dimension (unit mm ³)		
	Units/Reel	Reels/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Reel	Inner Box	Outer Box
SMAF	3,000	5	15,000	6	90,000	7 ×12	185×180×105	390×385×205

/ Notices