

/ Descriptions

TO-252 SiC

SiC Schottky Barrier Diode in a TO-252 Plastic Package.

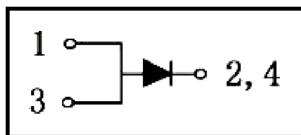
/ Features

Low power loss, high efficiency, HF Product.

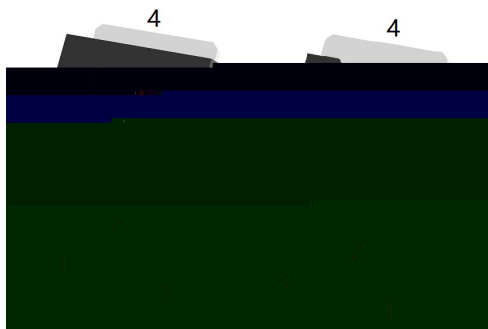
/ Applications

For high frequency, high voltage, high current rectifier diode, freewheeling diode.

/ Equivalent Circuit



/ Pinning

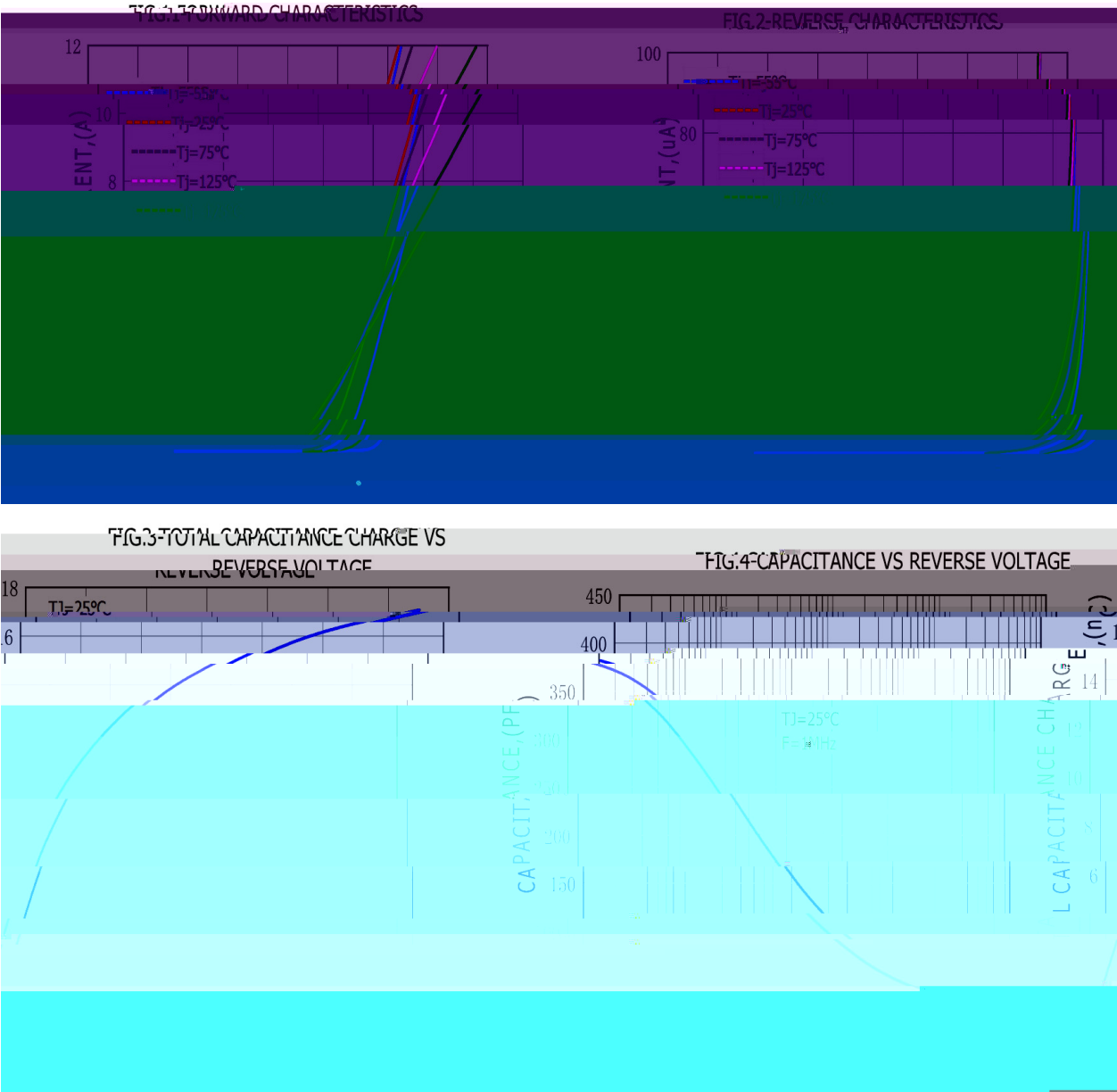


PIN1 3 Anode PIN 2 4 Cathode

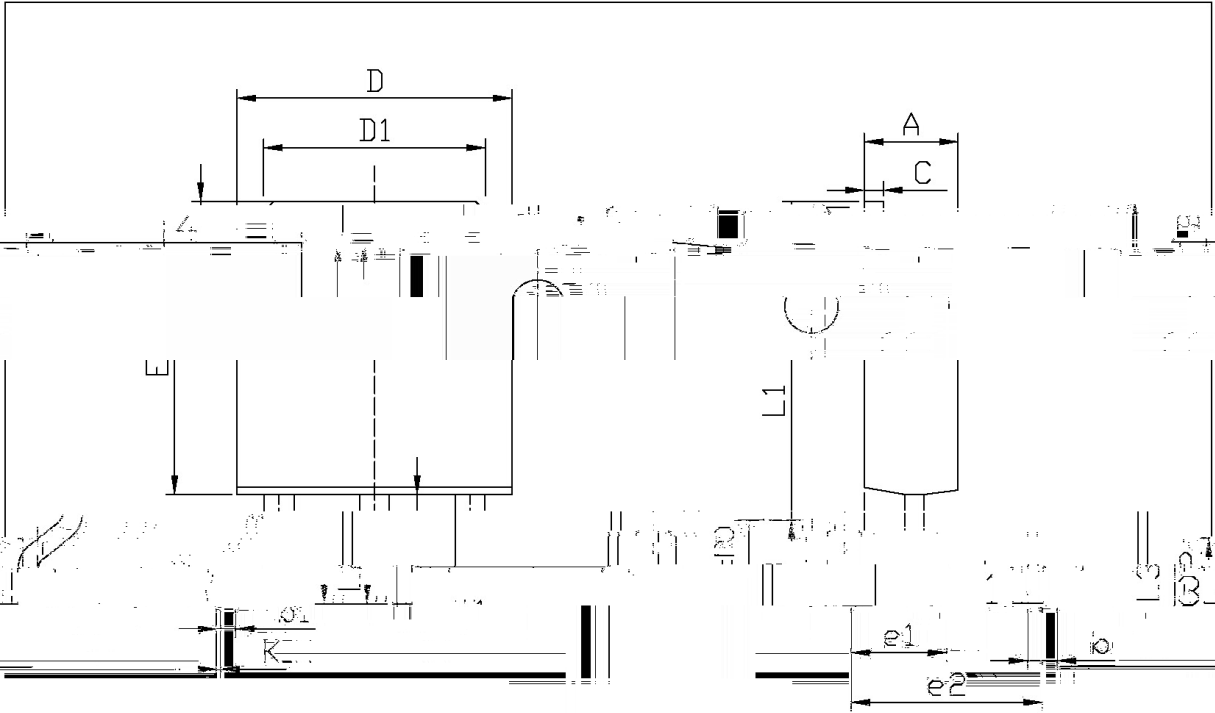
/ Marking

See Marking Instructions.

/ Electrical Characteristic Curve



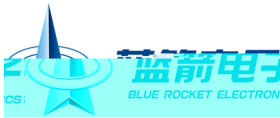
/ Package Dimensions



单位: mm

Dimensions		Dimensions	
Min	Max	Min	Max
5.05	6.05	2.20	2.40
25	e1	2.24	2.34
90	e2	4.43	4.73
55	L1	9.45	9.95
55	L2	0.1025	0.1075
	D	6.45	6.75
	D1	5.10	5.50
		L3	0.60
		K	0.00
		B	0.95
		b	0.50
		b1	0.45
		L	0.45

T0-252



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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.

/ 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)		