

/ Descriptions

TO-252 SiC

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

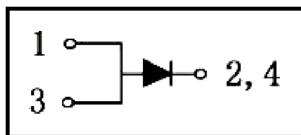
/ Features

Low power loss, high efficiency, HF Product.

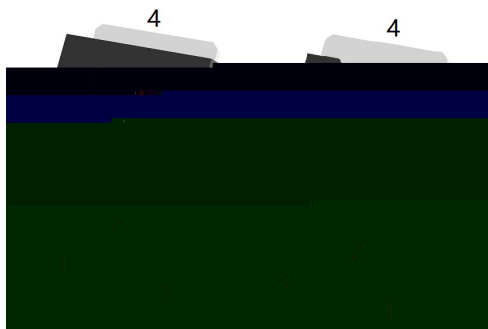
/ Applications

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

/ Equivalent Circuit



/ Pinning

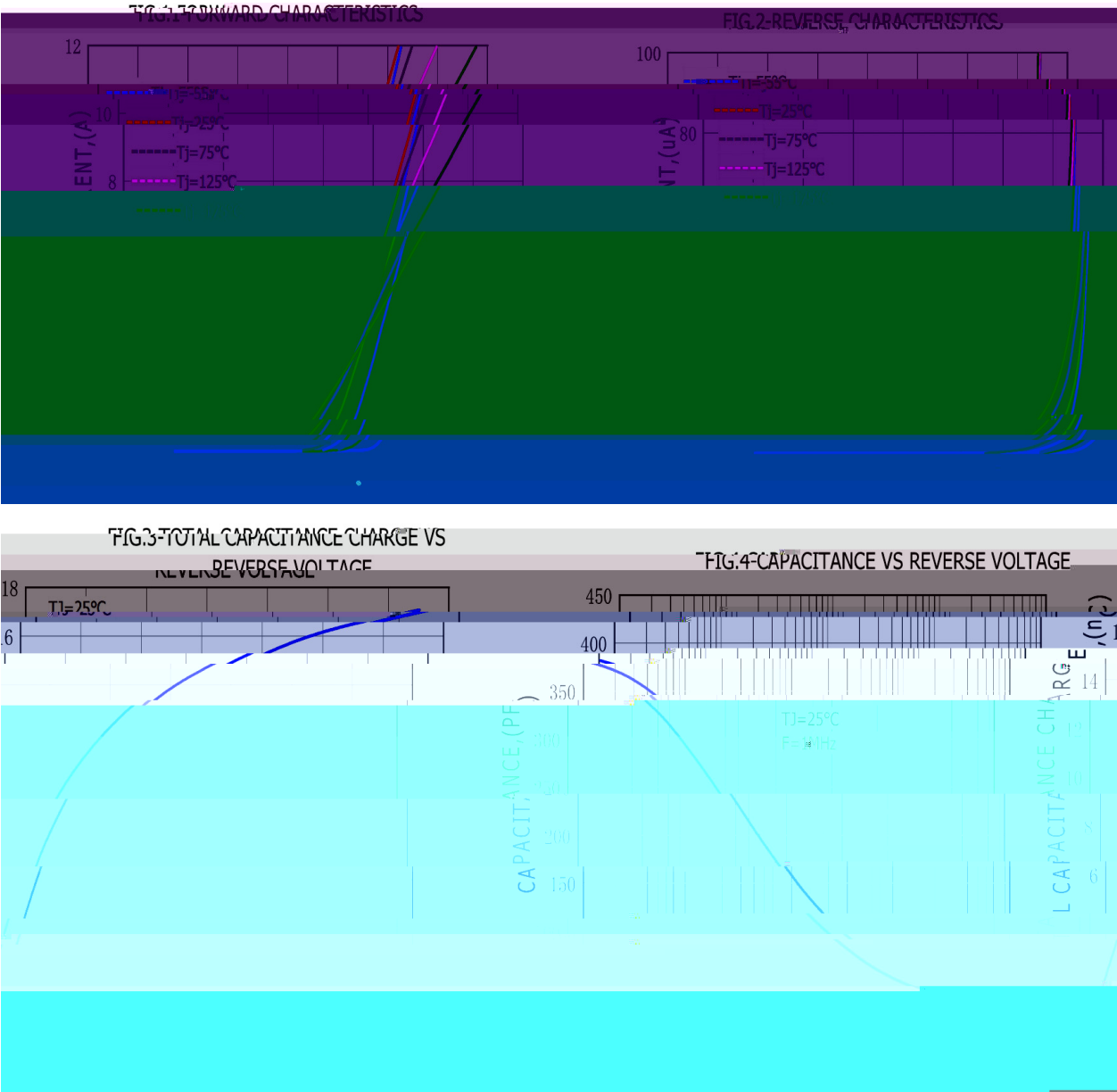


PIN1 3 Anode PIN 2 4 Cathode

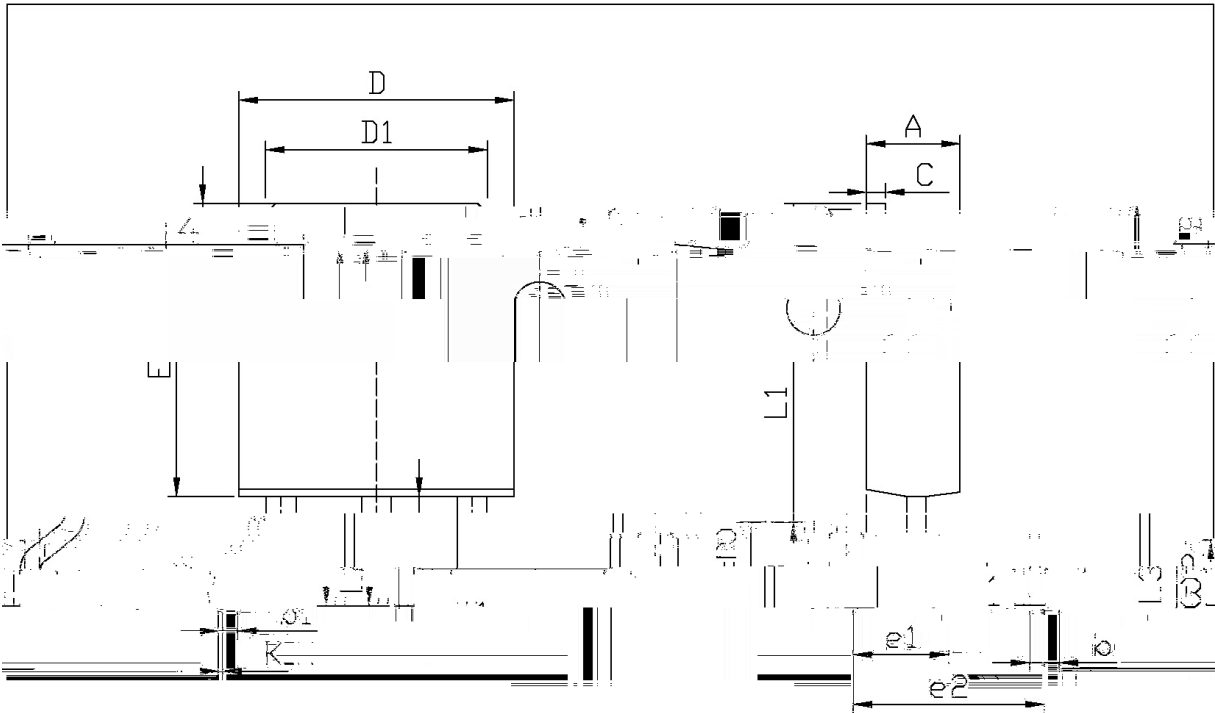
/ Marking

See Marking Instructions.

/ Electrical Characteristic Curve



/ Package Dimensions



单位: mm

Dimensions				Dimensions			
Min		Max		Min		Max	
25.4	e1	2.24	2.34	0.20	B	0.95	1.0
90.0	e2	4.43	4.73	0.20	b	0.50	0.5
55.0	L1	9.45	9.95	0.20	b1	0.45	0.5
5.0	D	6.45	6.75	0.20	L3	0.60	0.90
5.0	D1	5.10	5.50	0.20	K	0.00	0.10

TO-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)		