

/ Descriptions

PDFN5Ö6 M M VIF ≲ g || 1
SiC Schottky Barrier Diode in a PDFN5×6 Plastic Package.

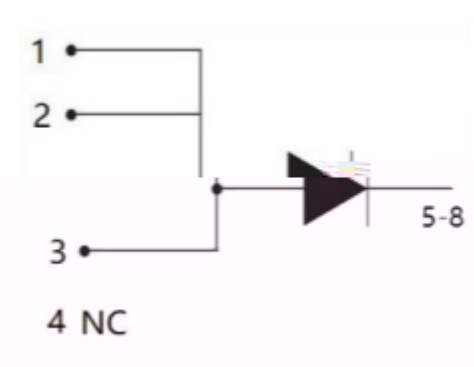
/ Features

“Ω ð H | ð ' | ñ f β
Low power loss, high efficiency, HF Product.

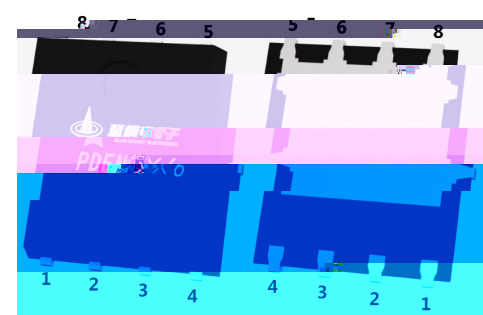
/ Applications

ℱ ∞ Я z ∩ ℒ ℚ ℒ || 1 | 1 ℒ || 1
For high frequency, high voltage, high current rectifier diode, freewheeling diode

/ Equivalent Circuit



/ Pinning

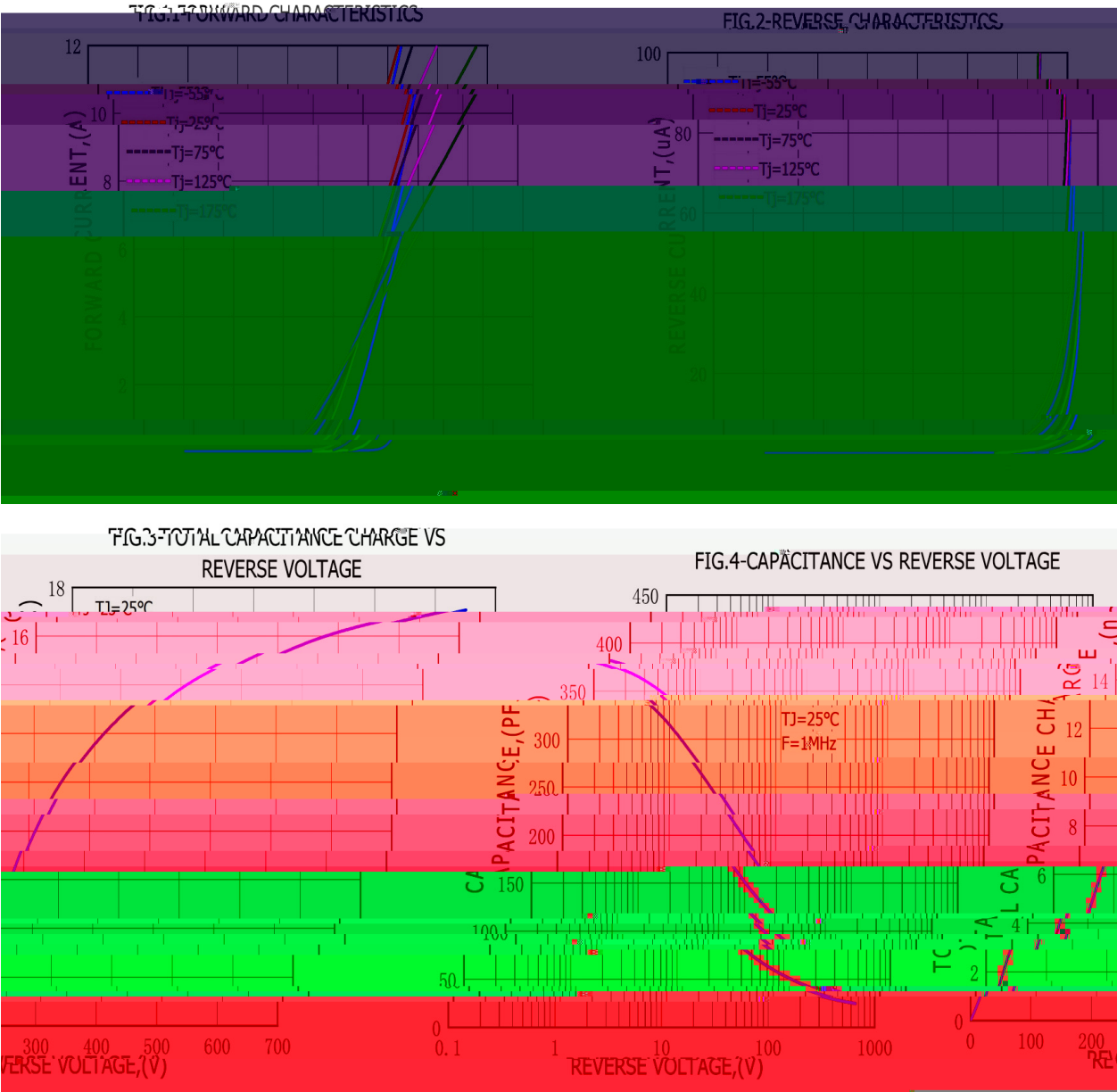


PIN 1,2,3 χ Anode PIN5-8 χ Cathode PIN 4 χ NC

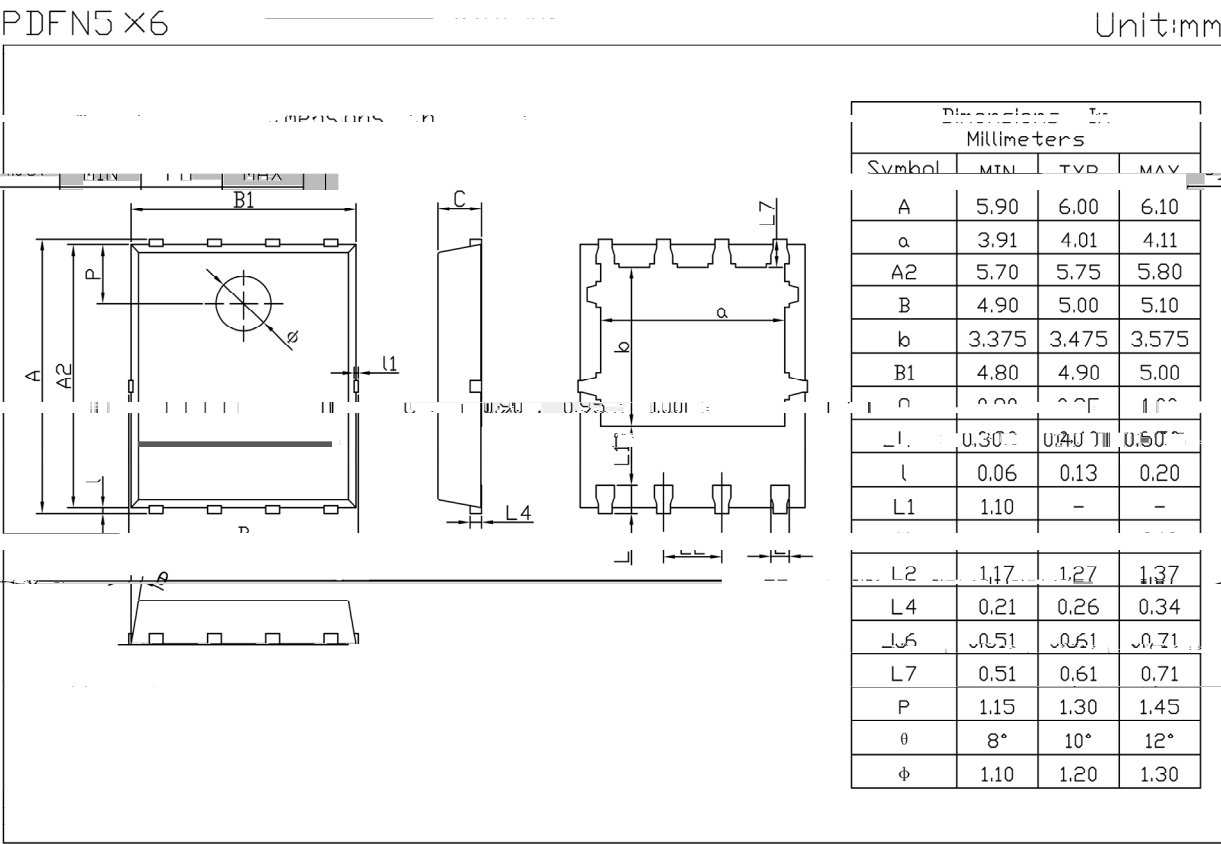
/ Marking

M 1 ”
See Marking Instructions.

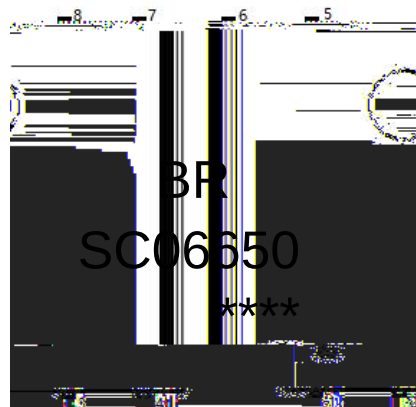
/ Electrical Characteristic Curve



/ Package Dimensions



Rev.01 202209



EU χ

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SC06650 χ

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--- χ

$$\mathbb{H} \cdot f \check{N} \Gamma \quad | \quad \cdot f \check{N} \Psi \rho$$

Note χ

BR χ

Company Code

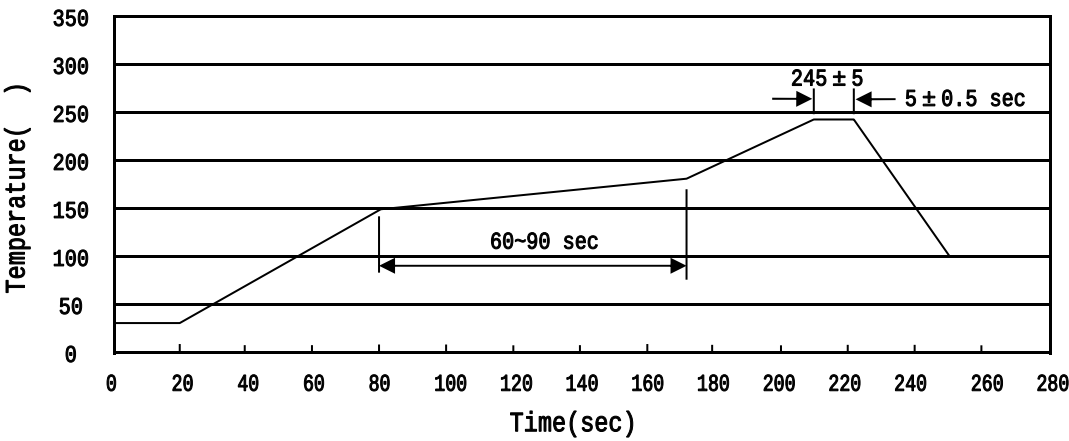
SC06650 χ

Product Type Code

****.

Lot No. Code, code change with Lot No

() / Temperature Profile for IR Reflow Soldering(Pb-Free)



- ” Χ
1. 150 °C ~ 180 °C , Time: 60 ~ 90 sec;

2. 245 °C ± 5 °C , Duration: 5 ± 0.5 sec;

3. Cooling Speed: 2 ~ 10 °C / sec.
- Note:

1.Preheating:150~180 °C , Time:60~90sec.

2.Peak Temp.:245 °C ± 5 °C , Duration:5 ± 0.5sec.

3. Cooling Speed: 2~10 °C / sec.

/ Resistance to Soldering Heat Test Conditions

□ °C 260 ± 5 °C °C 10 ± 1 sec. Temp.:260±5 Time:10±1 sec

/ Packaging SPEC.

□ °C / REEL

Package Type M 6 A	Units					Dimension (unit mm ³)		
	Units/Reel E 2 °C	Reels/Inner Box □ °C 2 °C	Units/Inner Box E 2 °C	Inner Boxes/Outer Box °C 2 °C	Units/Outer Box E 2 °C	Reel	Inner Box °C	Outer Box °C
PDFN5×6	5,000	2	10,000	6	60,000	13"×12	360×360×50	380×335×366

/ Notices