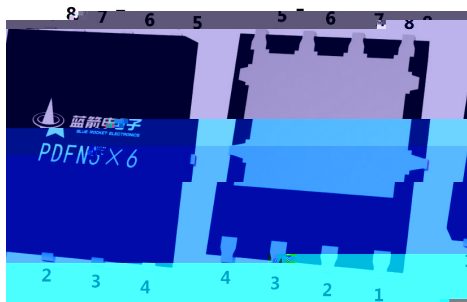
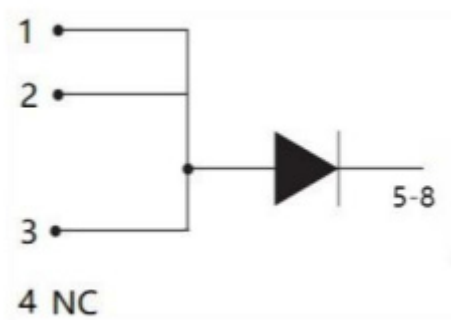


PDFN5×6 SiC

SiC Schottky Barrier Diode in a PDFN5×6 Plastic Package.

Low power loss, high efficiency, HF Product.

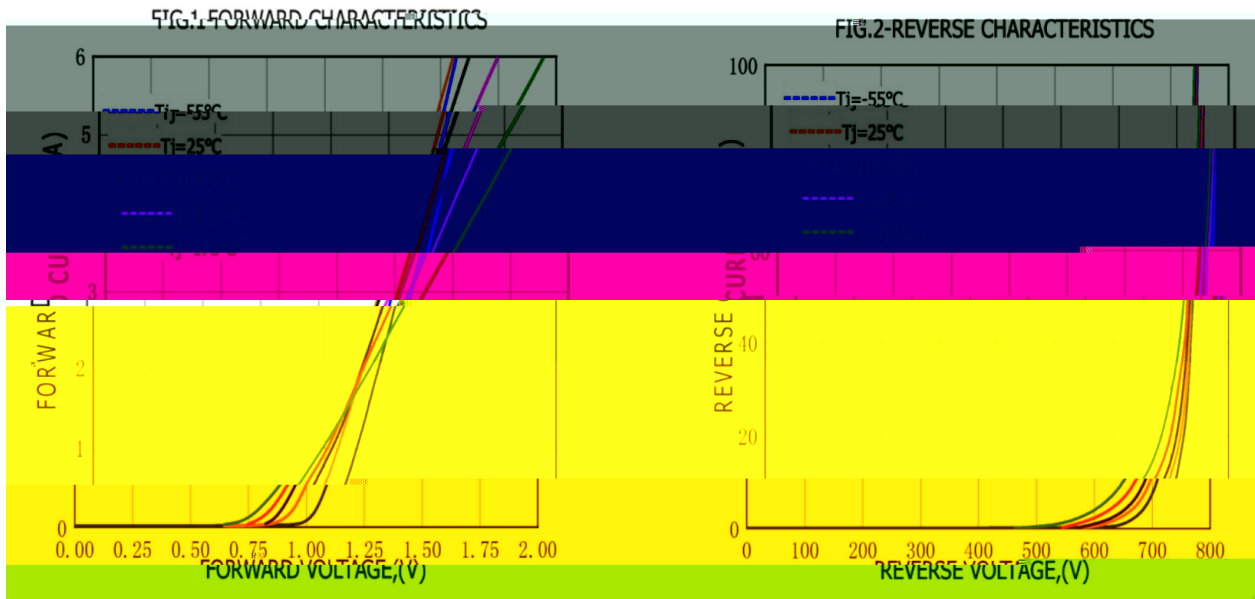
For high frequency, high voltage, high current rectifier diode, freewheeling diode



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

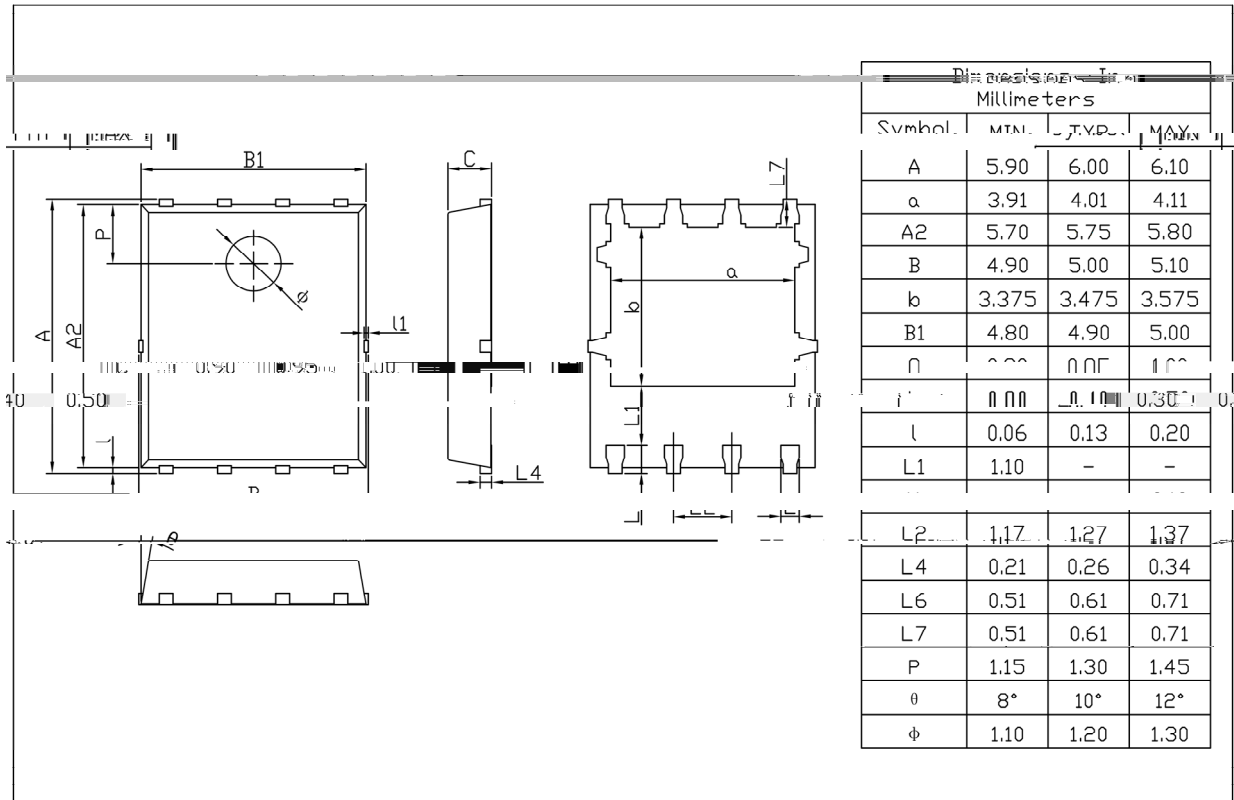
See Marking Instructions.

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	650	V
Maximum RMS Voltage	V_{RMS}	455	V
Maximum DC blocking Voltage	V_{DC}	650	V
Continuous Forward Current, $T_C=155$	I_F	4	A
Peak forward surge current, $t_p=10ms$	I_{FSM}	42	A

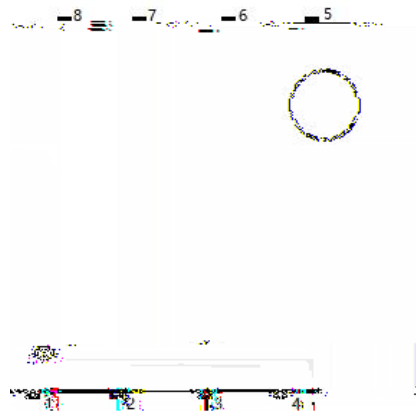


PDFN5 X6

Unit:mm



Rev.01 202209



BR

SC04650

Note

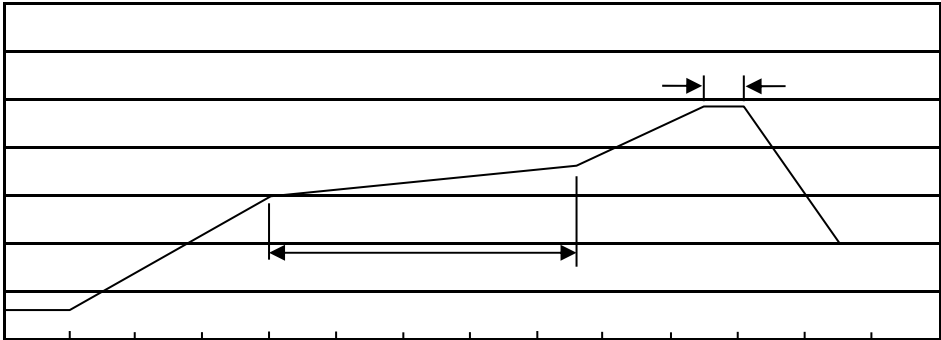
BR

Company Code

SC04650

Product Type Code

Temperature Profile for IR Reflow Soldering(Pb-Free)



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.

260±5

10±1 sec.

Temp.:260±5℃

Time:10±1 sec

/ 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
PDFN5×6	5,000	2	10,000	6	60,000	13''×12	360×360×50	380×335×366