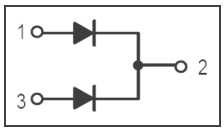
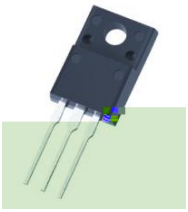
TO-220F

Schottky Barrier Diode in a TO-220F Plastic Package.

Low power loss,high efficiency.

For use in low voltage,high frequency inverters, free wheeling, and polarity protection applications.

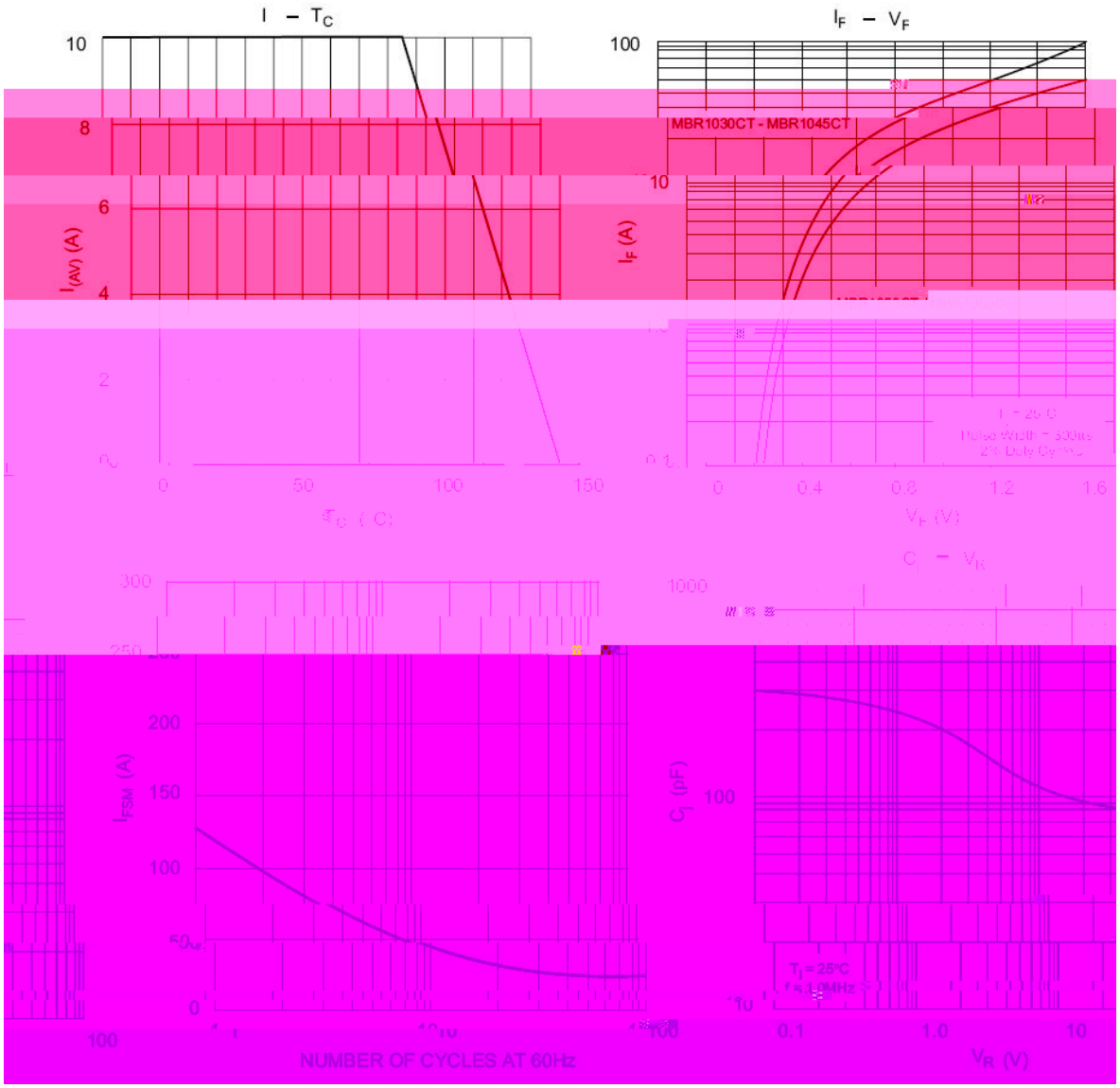


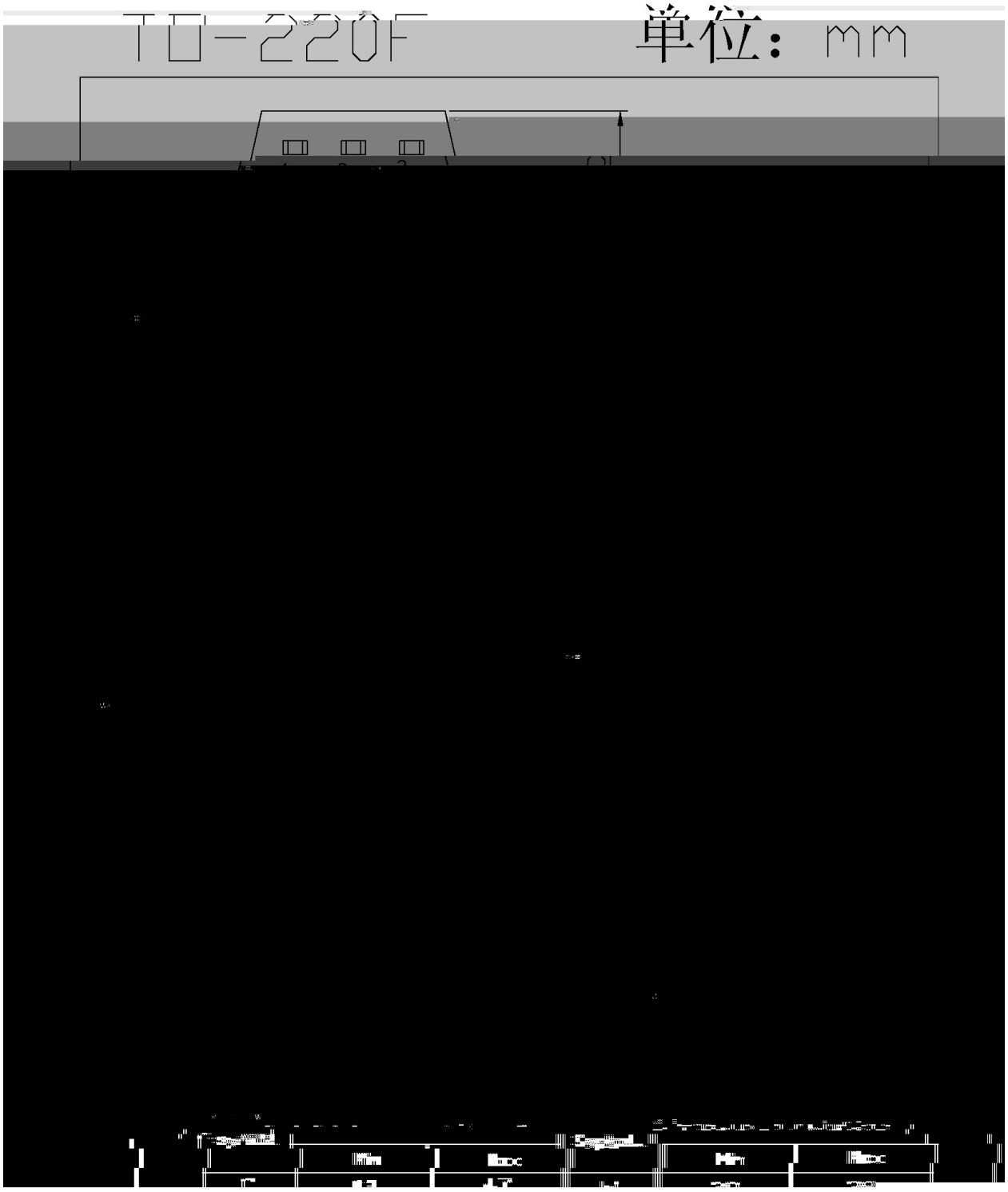


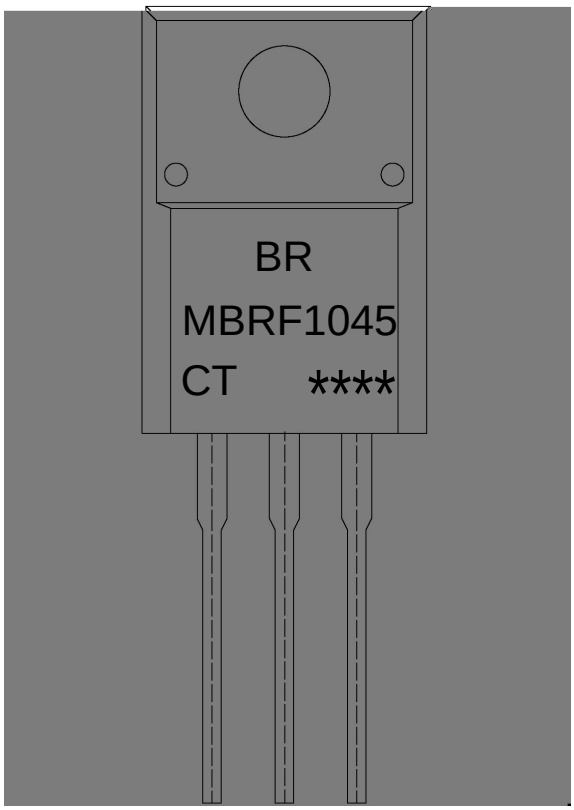
PIN1 Anode PIN 2 Cathode PIN 3 Anode

See Marking Instructions

Parameter	Symbol	Rating


I – TC
10
8
6
4
2
0
I(AV) (A)
0
50
100
150
TC (°C)
IF – VF
100
10
1.0
0.1
MBR1030CT - MBR1045CT
IF (A)
0
0.4
0.8
1.2
1.6
VF (V)
Pulse Width = 300us
2% Duty Cycle
CJ – VR
1000
100
CJ (pF)
TJ = 25°C
f = 1.0MHz
0.1
1.0
10
VR (V)
300
250
200
150
100
50
0
IFSM (A)
100
NUMBER OF CYCLES AT 60Hz


TO-220F
单位：mm



BR

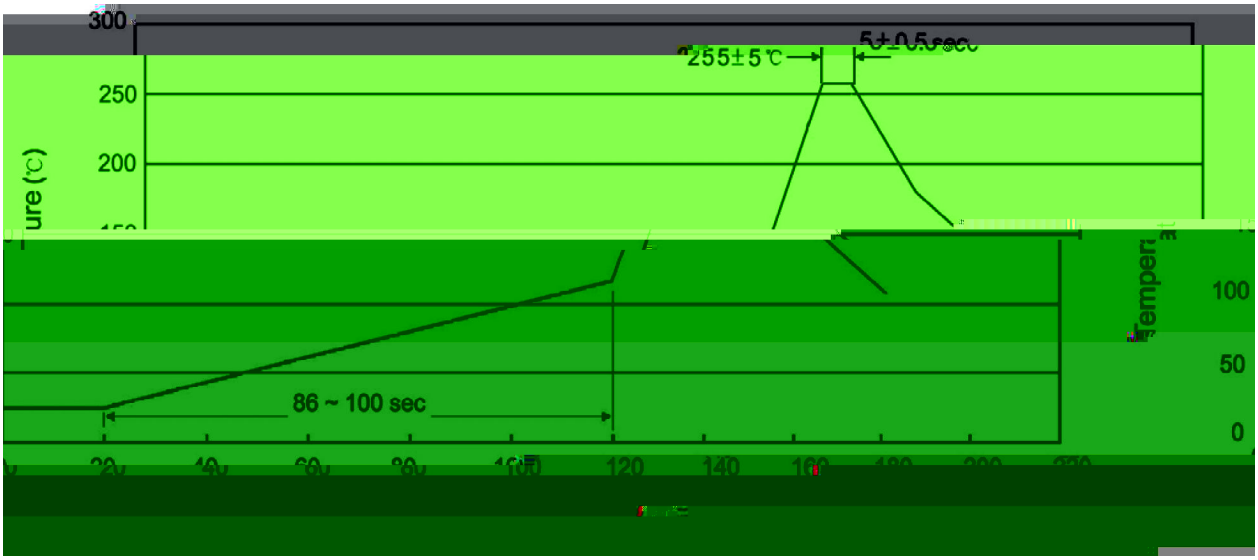
MBRF1045

CT:

****

Note:

BR:	Company Code
MBRF1045:	Product Type.
CT:	Internal Structure
****:	Lot No. Code, code change with Lot No.



	Note:
1 25 150 60 90sec;	1.Preheating:25~150 , Time:60~90sec.
2 255±5 5±0.5sec;	2.Peak Temp.:255±5 , Duration:5±0.5sec.
3 2 10 /sec.	3. Cooling Speed: 2~10 /sec.

270±5 10±1 sec. Temp.:270±5 Time:10±1 sec

/ BULK

Package Type	Units	Dimension	(unit mm^3)