

MBR20150CT

Rev. G Oct.-2018

TO-220

Schottky Barrier Diode in

MBR20150CT

Rev. G Oct.-2018



蓝箭电子
BLUE ROCKET ELECTRONICS

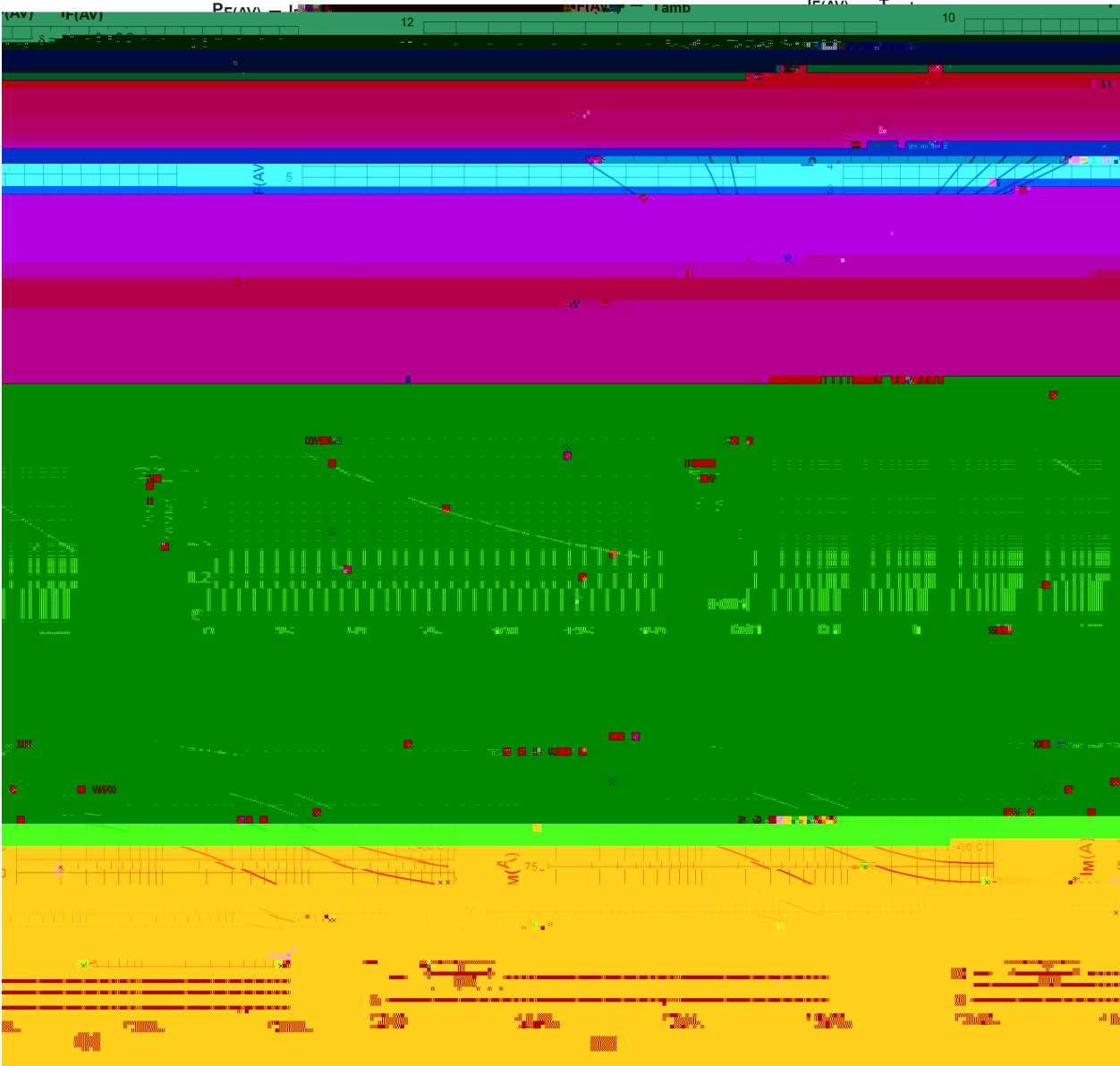
DATA SHEET

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	150	V
RMS Forward Current	$I_{F(RMS)}$	30	A
Average Rectified Forward Current	$I_{F(AV)}$	10	A
	$I_{F(AV) \text{ total}}$	20	A

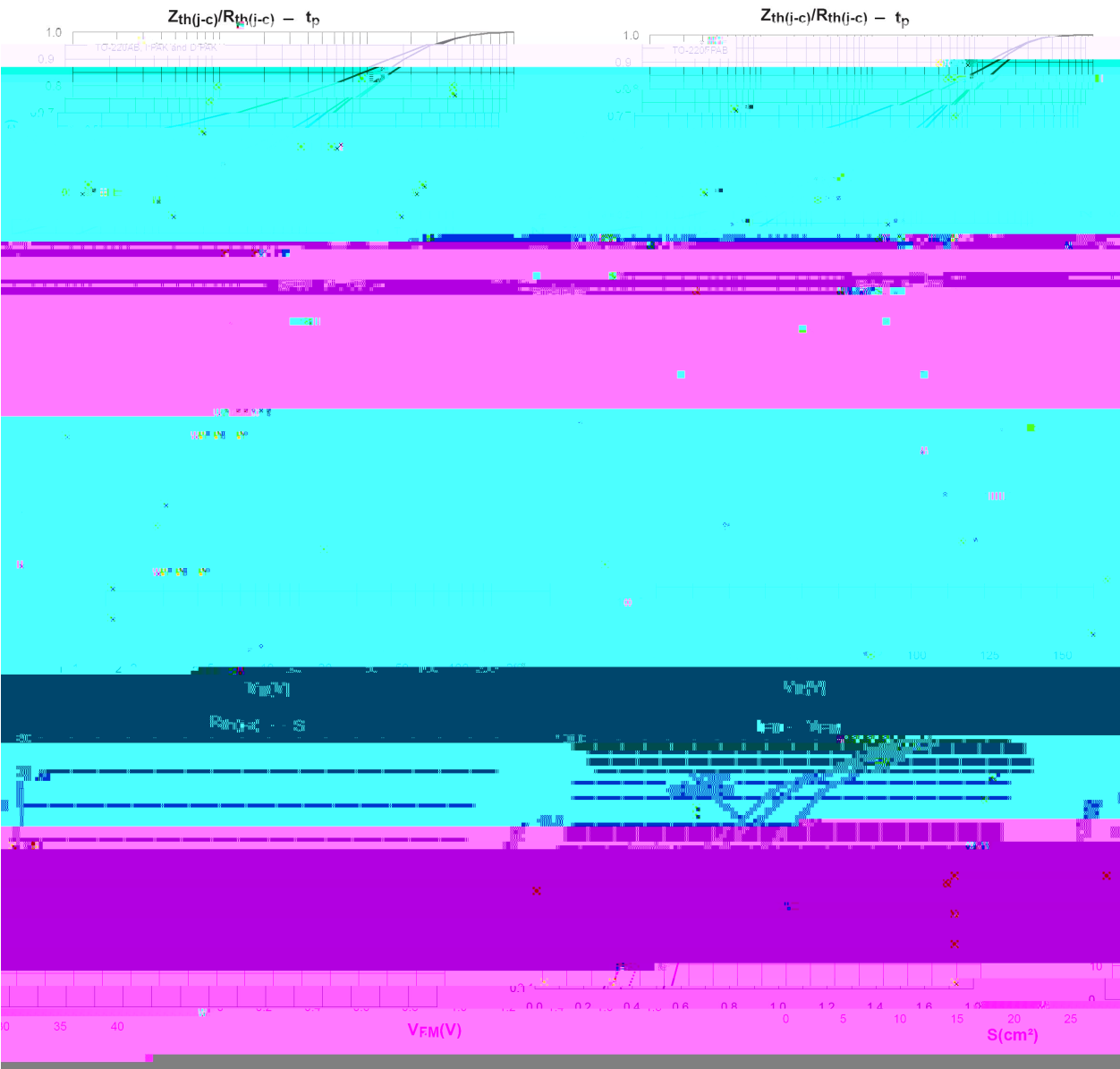
Non-Rep-3 (.re3 Tm()Tj/TT2 1 FTc6.0309-d Sul)TJ7ge5.7(l)TJ7.02

Non-25 0 0 10.5 FS2.68 672.9

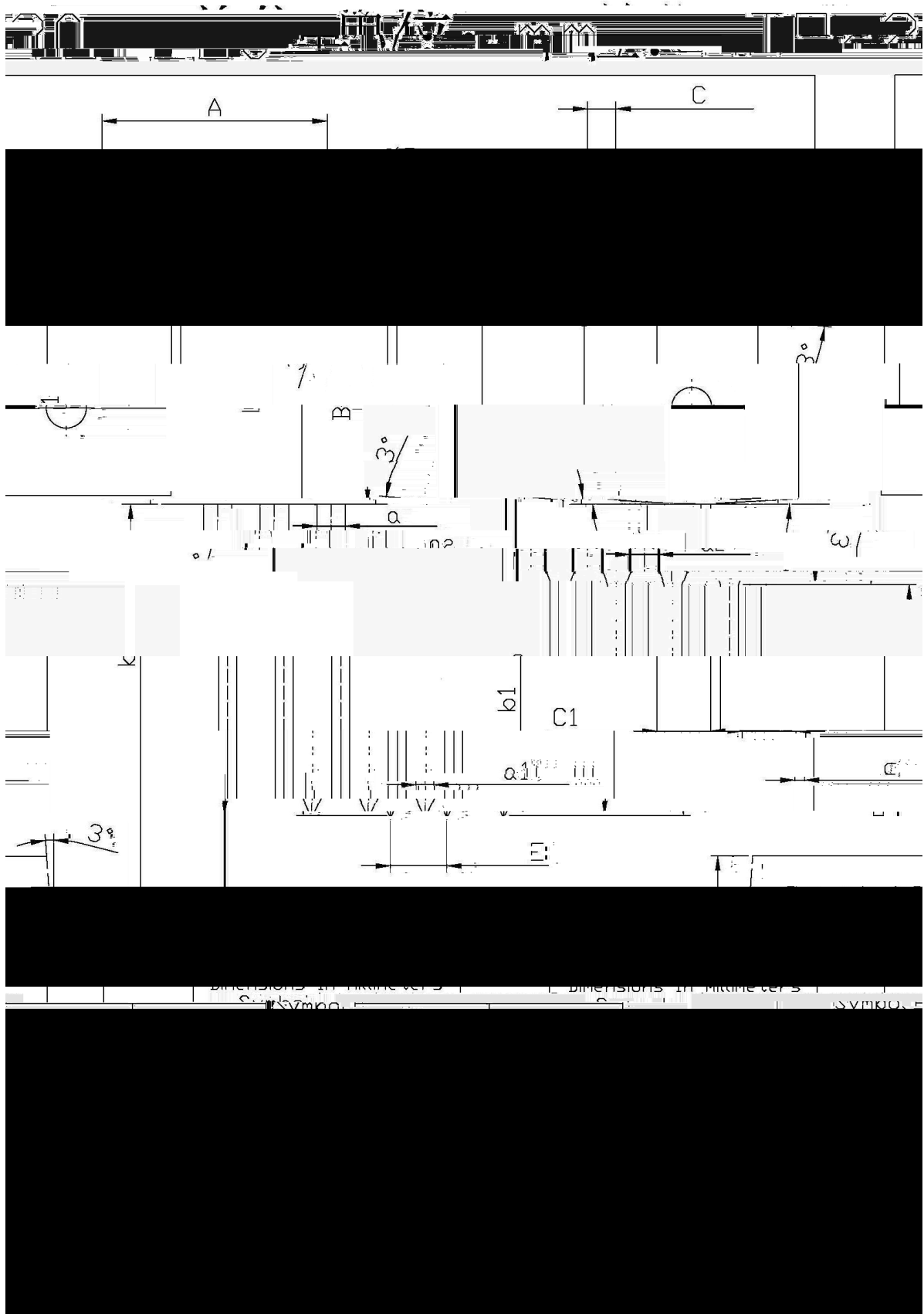
/ Electrical Characteristic Curve



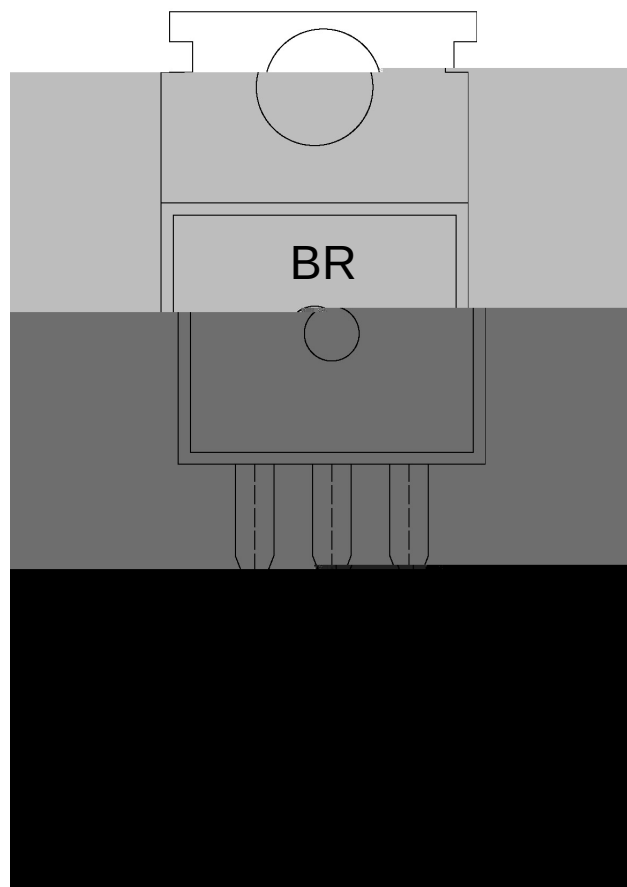
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

MBR20150

CT:

Note:

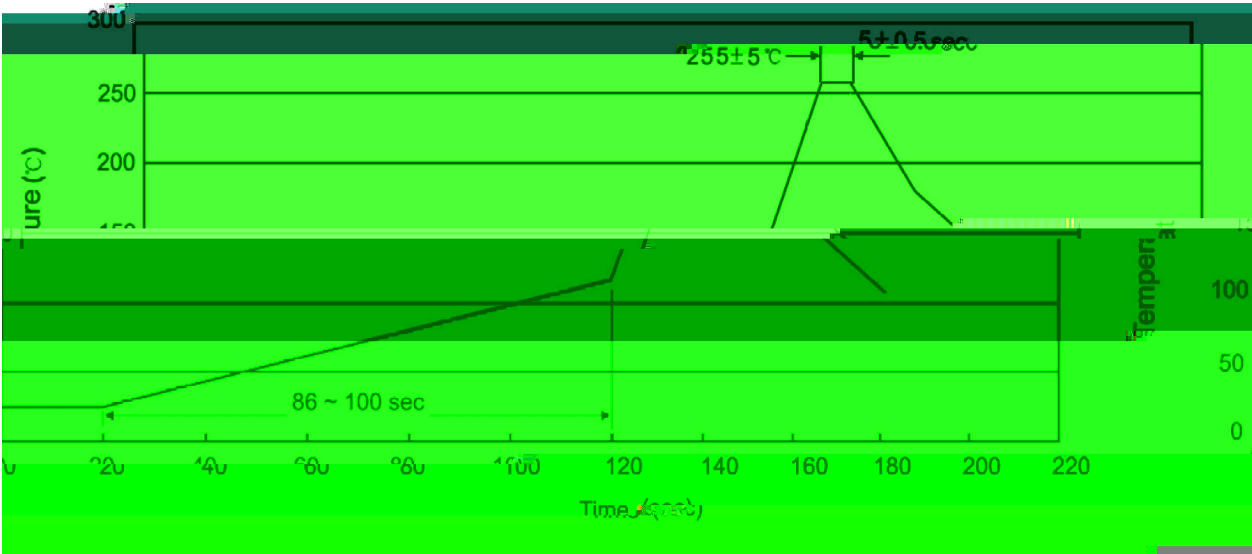
BR: Company Code

MBR20150 Product Type.

CT: Internal Structure

****: Lot No. Code, code change with Lot No.

() / Temperature Profile for Dip Soldering(Pb-Free)



Note:

- 1

25 150

60 90sec;
- 2

255±5

5±0.5sec;
- 3

2 10

/sec.
- 1.Preheating:25~150

, Time:60~90sec.
- 2.Peak Temp.:255±5

, Duration:5±0.5sec.
3. Cooling Speed: 2~10

/sec.

/ Resistance to Soldering Heat Test Conditions

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

/ Packaging SPEC.

/ BULK

Package Type	Units				Dimension	(unit mm ³)
	Units/Bag	Bags/Inner Box	Units/Inner Box	Inner Box		