

MBR20150CT

Rev. G Oct.-2018



TO-220

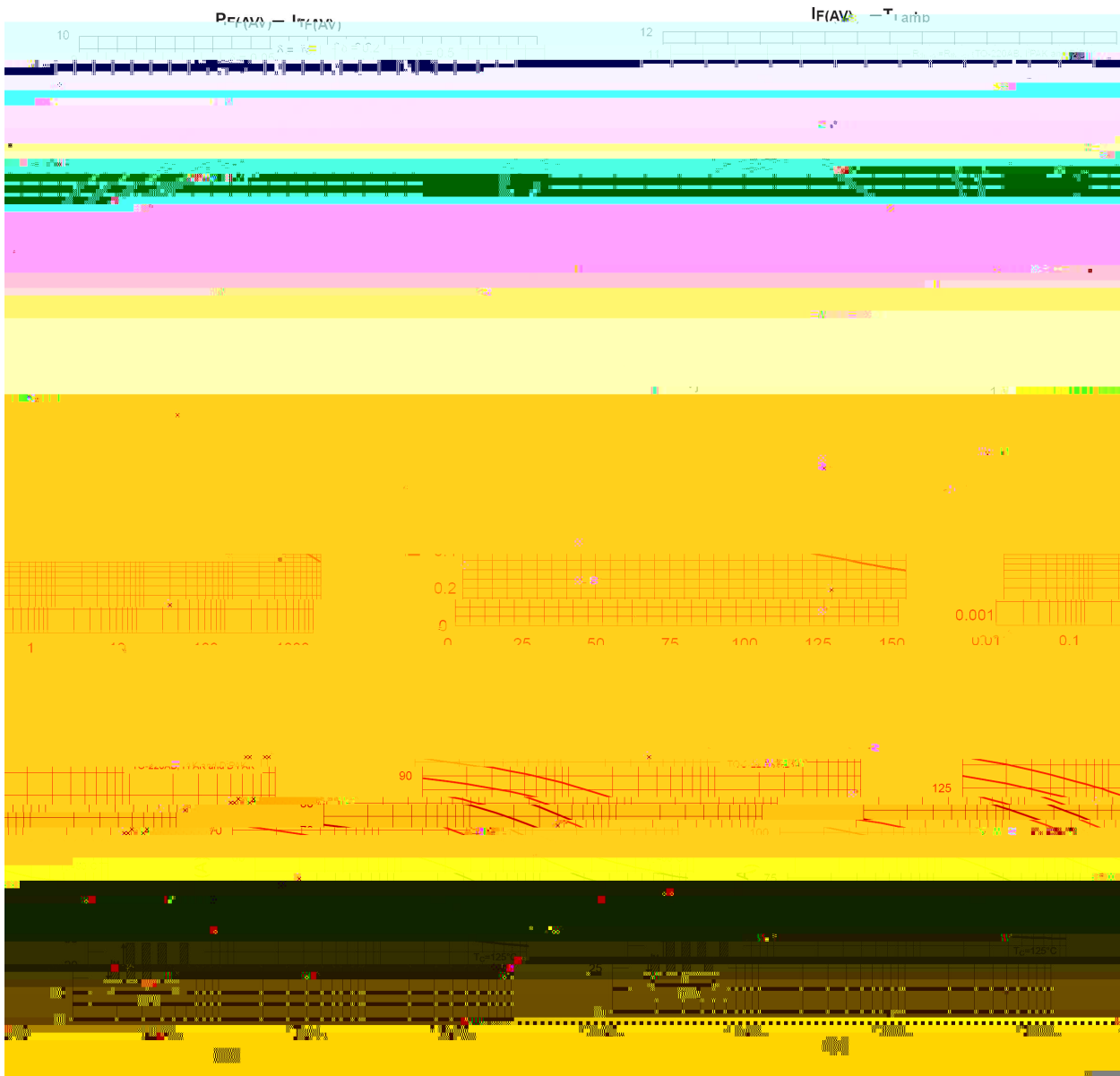
Schottky Barrier Diode in

MBR20150CT

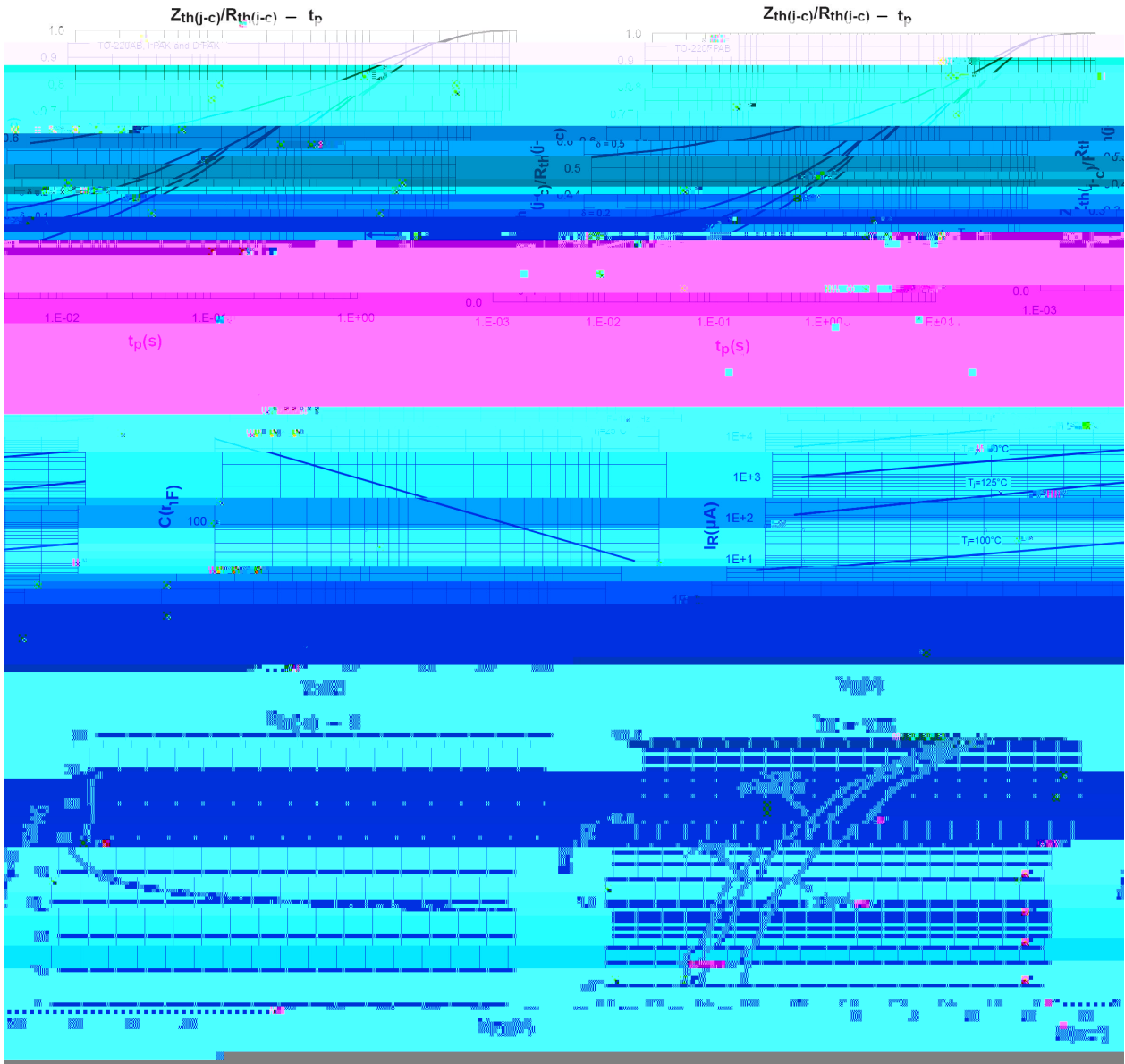
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Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	V_{RRM}	150	V
RMS Forward Current	$I_{F(RMS)}$	30	A
Average Rectified Forward Current	$I_{F(AV)}$	10	A
	$I_{F(AV) \text{ total}}$	20	A

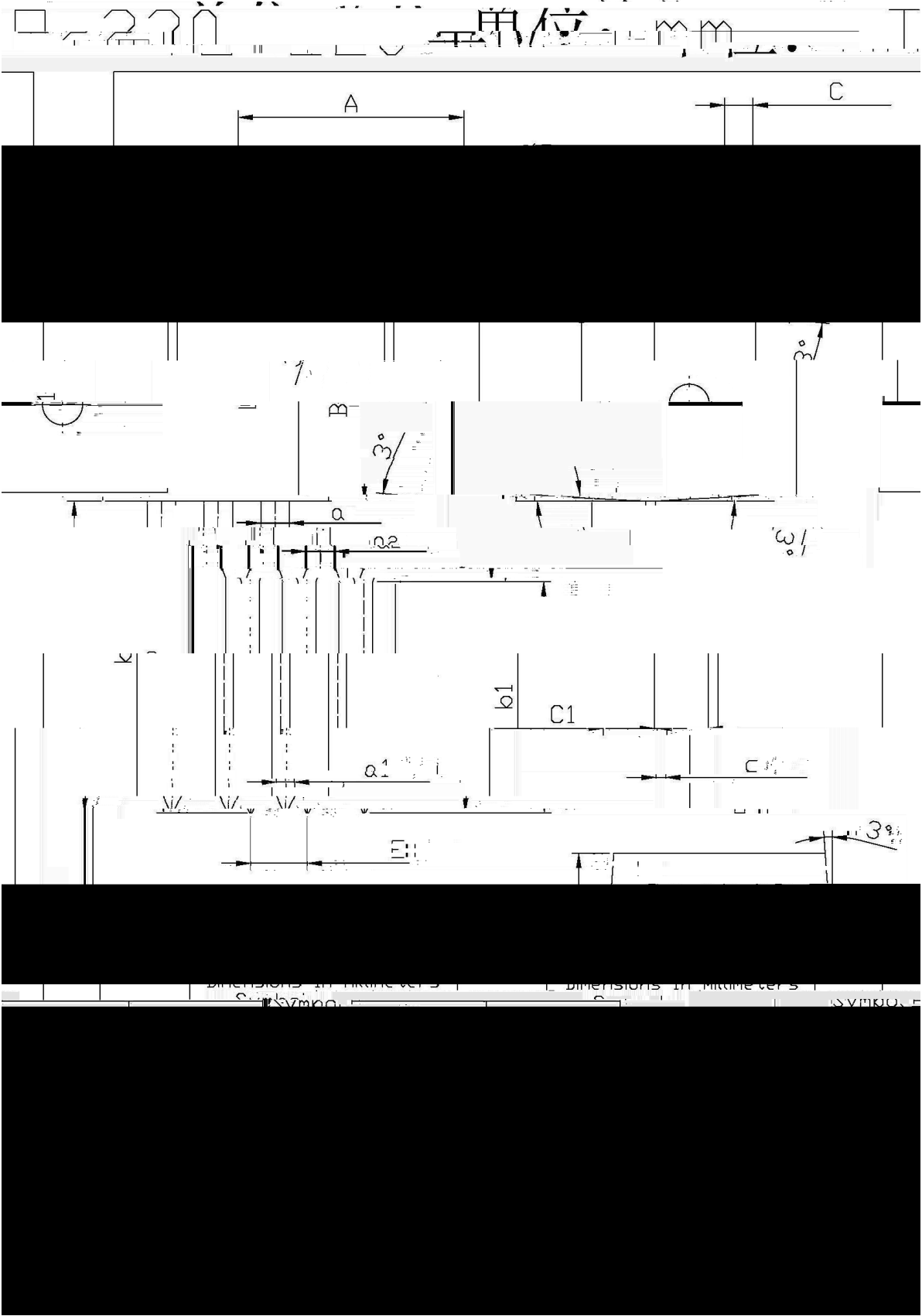
/ Electrical Characteristic Curve



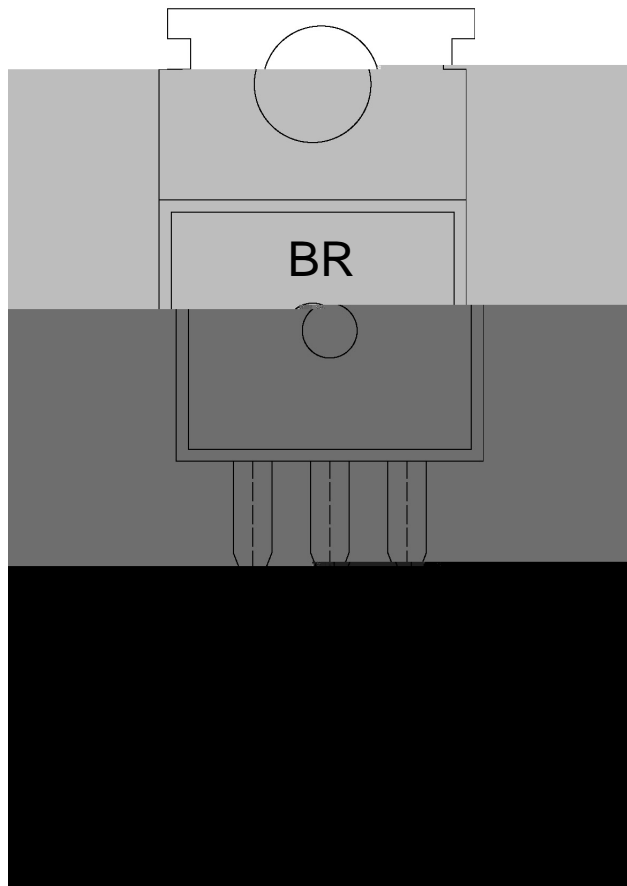
/ Electrical Characteristic Curve



/ Package Dimensions



/ Marking Instructions



BR

MBR20150

CT:

Note:

BR: Company Code

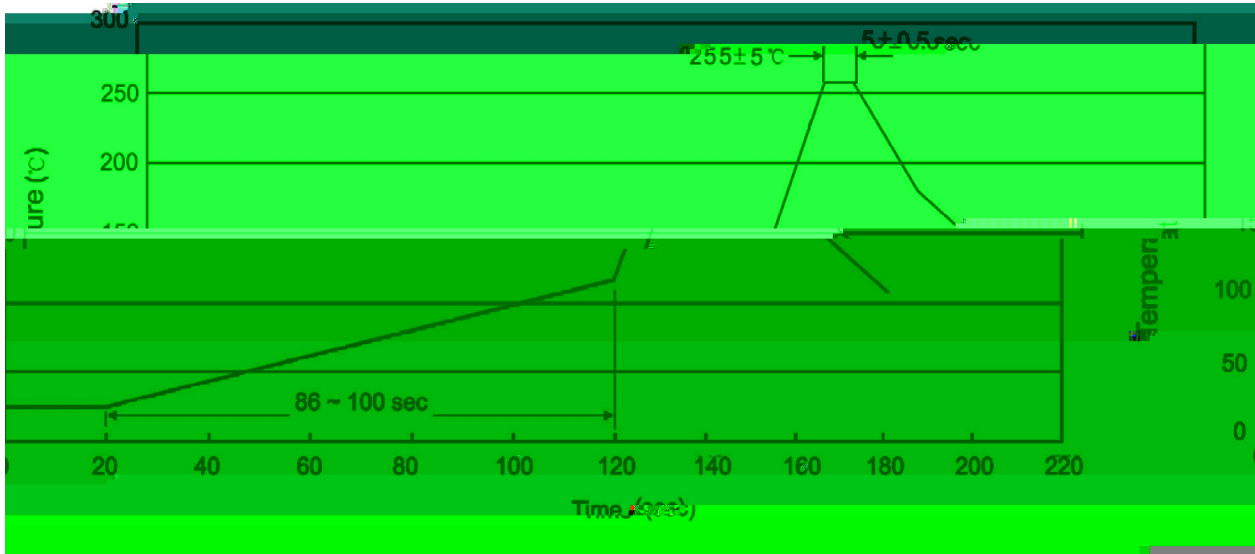
MBR20150 Product Type.

CT: Internal Structure

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



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



Note:

- | | | | | | |
|---|-------|-----|-----------|--------|---|
| 1 | 25 | 150 | 60 | 90sec; | 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. |

/ 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	