

# BRMUR10120AC

Rev.B Jan.-2019

DATA SHEET

# BRMUR10120AC

Rev.B Jan.-2019

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	$V_{RRM}$	1200	V
Peak Reverse Voltage	$V_R$	1200	V
Average Rectified Forward Current	$I_{F(AV)} (T_c=110^\circ C)$	10	A

s945

rg5T54732T

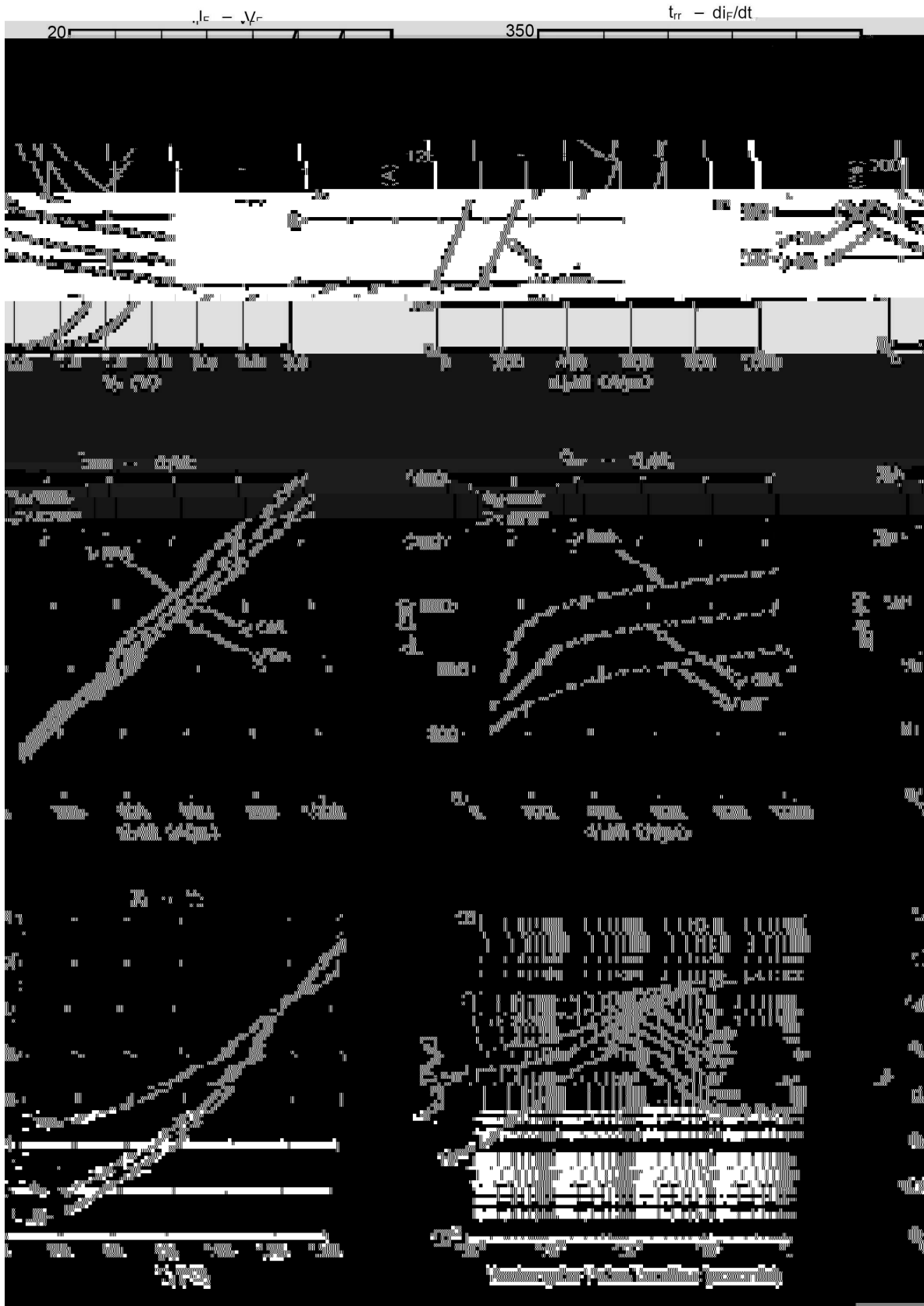
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(2) 18ramete431.3314

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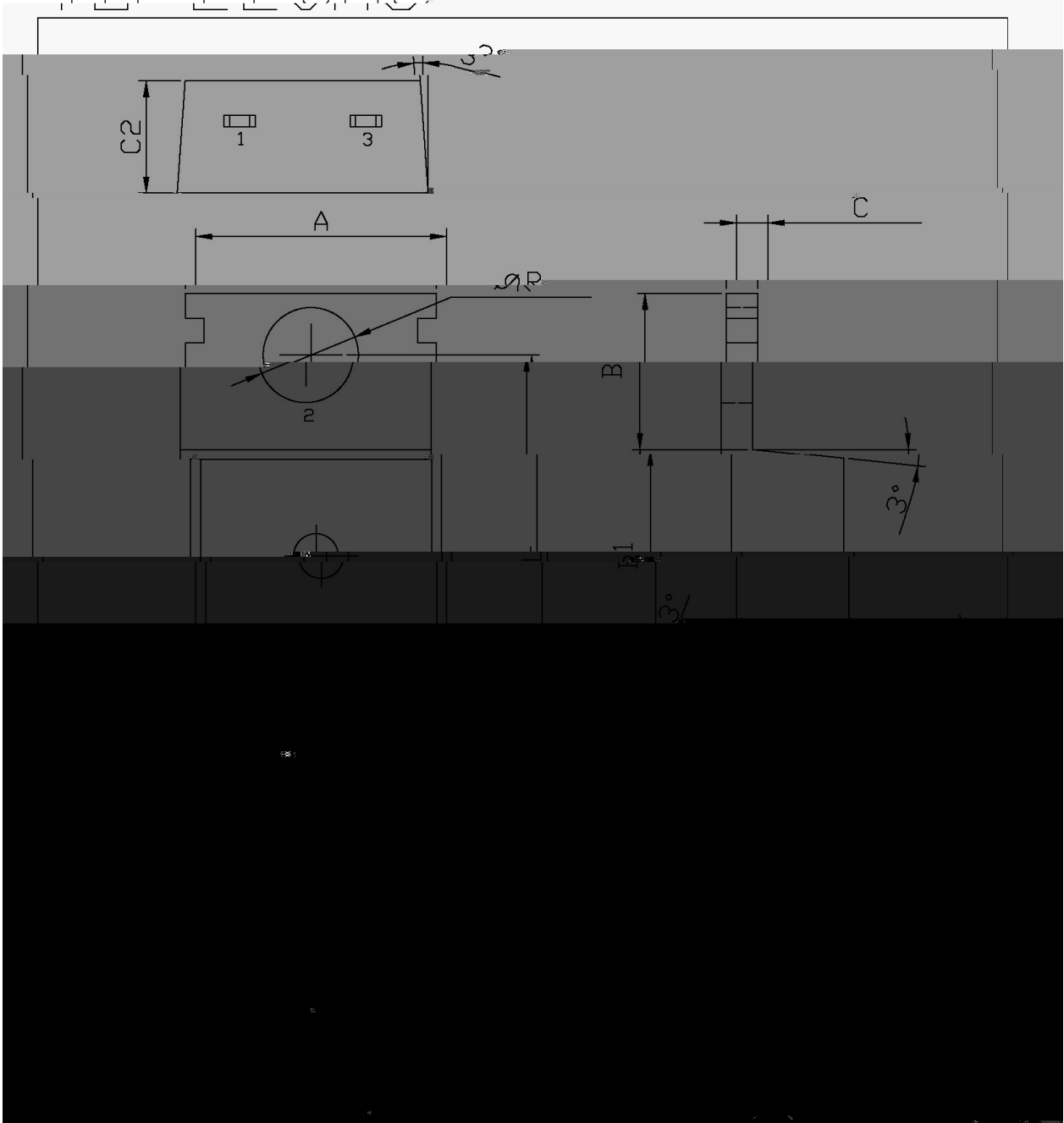
/ Electrical Characteristic Curve



/ Package Dimensions

TO-220AC

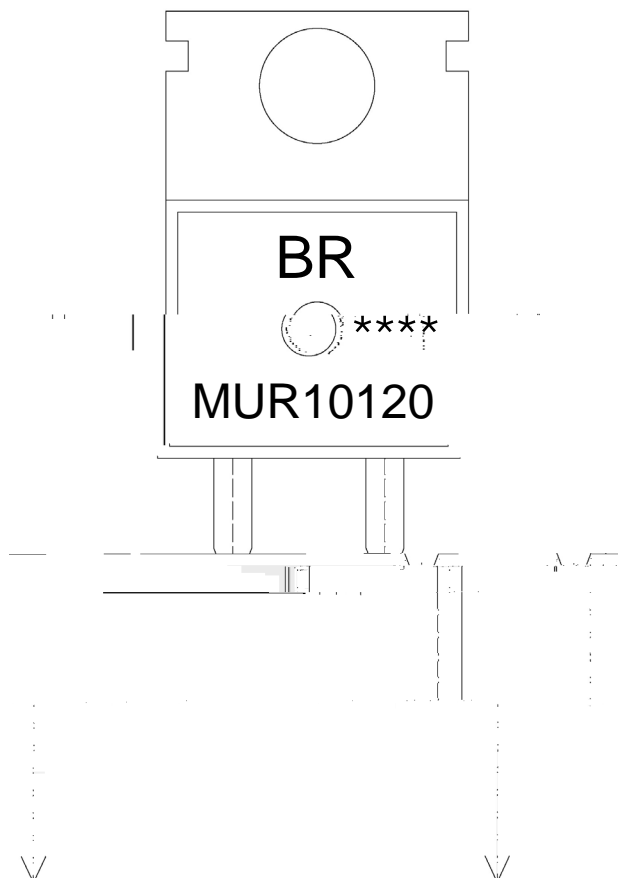
Unit:mm



Symbol	Min	Max	Symbol	Min	Max
	A	9.8		12.2	D <sub>1</sub>
R	3.56	2.64	D <sub>2</sub>	0.0	0.4
L	15.7	16.1	C1	2.2	2.6
b	12.6	13.6	U	1.2	1.4
b1	9.6	10.6	c	0.4	0.6
alpha	1.2°	1.62°	C2	4.3	4.7
phi1	0.7	0.9			



## / Marking Instructions



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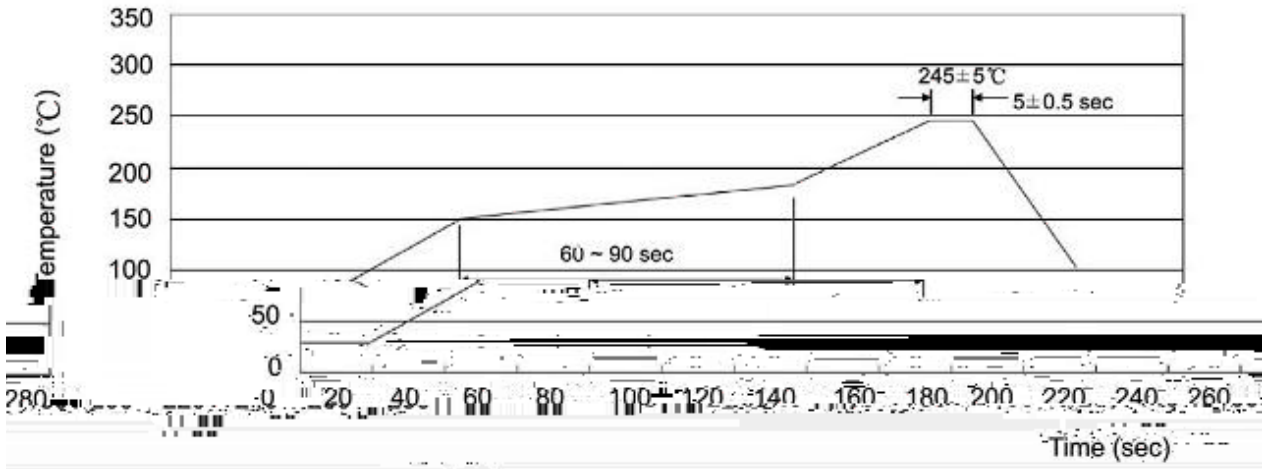
Note:

BR: Company Code

MUR10120 Product Type Code.

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

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



Note:

- |   |        |     |            |          |   |
|---|--------|-----|------------|----------|---|
| 1 | 150    | 180 | 60         | 90sec;   | 1.Preheating:150~180 , 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 <sup>3</sup> )		
	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box
TO-220/F/AC	200	10	2,000	5	10,000	135×190	237×172×102	560×245×195

/ TUBE

Package Type	Units					Dimension (unit mm <sup>3</sup> )		
	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box
TO-220/F/AC	50	20	1,000	5	5,000	532×31.4×5.5	555×164×50	575×290×180

/ Notices