

**BRMUR08120AC**

Rev.B Jan.-2019

**DATA SHEET**

# BRMUR08120AC

Rev.B Jan.-2019



蓝箭电子  
BLUE ROCKET ELECTRONICS

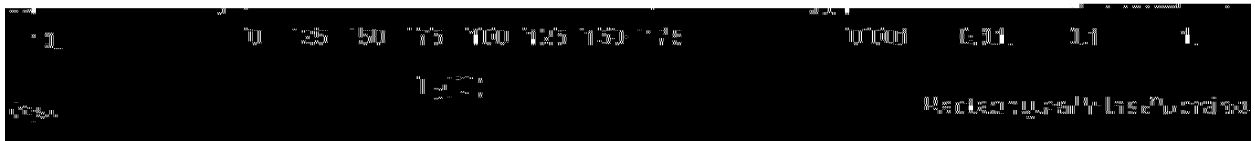
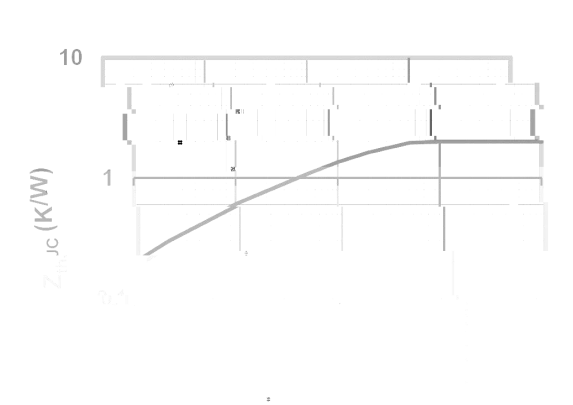
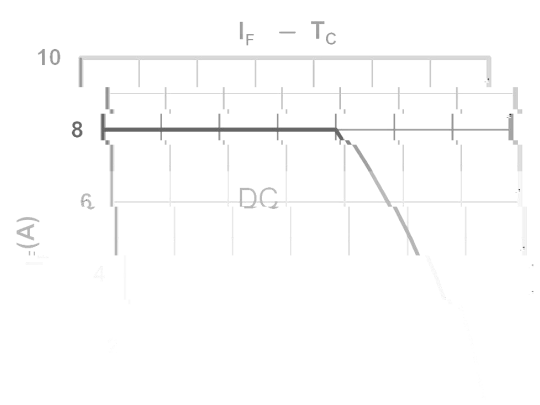
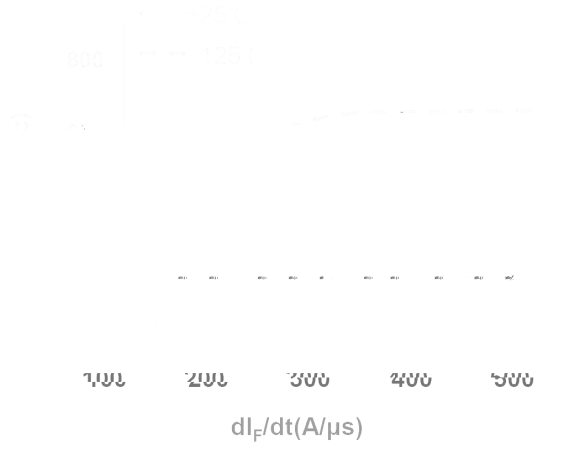
DATA SHEET

Parameter	Symbol	Rating	Unit
Peak Repetitive Reverse Voltage	$V_{RRM}$	1200	V
Peak Reverse Voltage	$V_R$	1200	V
Average Rectified Forward Current	$I_{F(AV)} (T_c=110^\circ C)$	8	A
Average Rectified Forward Current(RMS)	$I_{F(RMS)} (T_c=110^\circ C)$	12	A
Non Repetitive Peak Surge Current( $T_J=45^\circ C$ , $t=10ms$ , 50Hz, Sine)	$I_{FSM}$	60	A
Power Dissipation	$P_D$	62	W
Thermal Resistance Junction to Case	$R_{JC}$	2.0	$^\circ C/W$
Junction Temperature	$T_j$	-55 +150	
Storage Temperature Range	$T_{stg}$	-55 +125	

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Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
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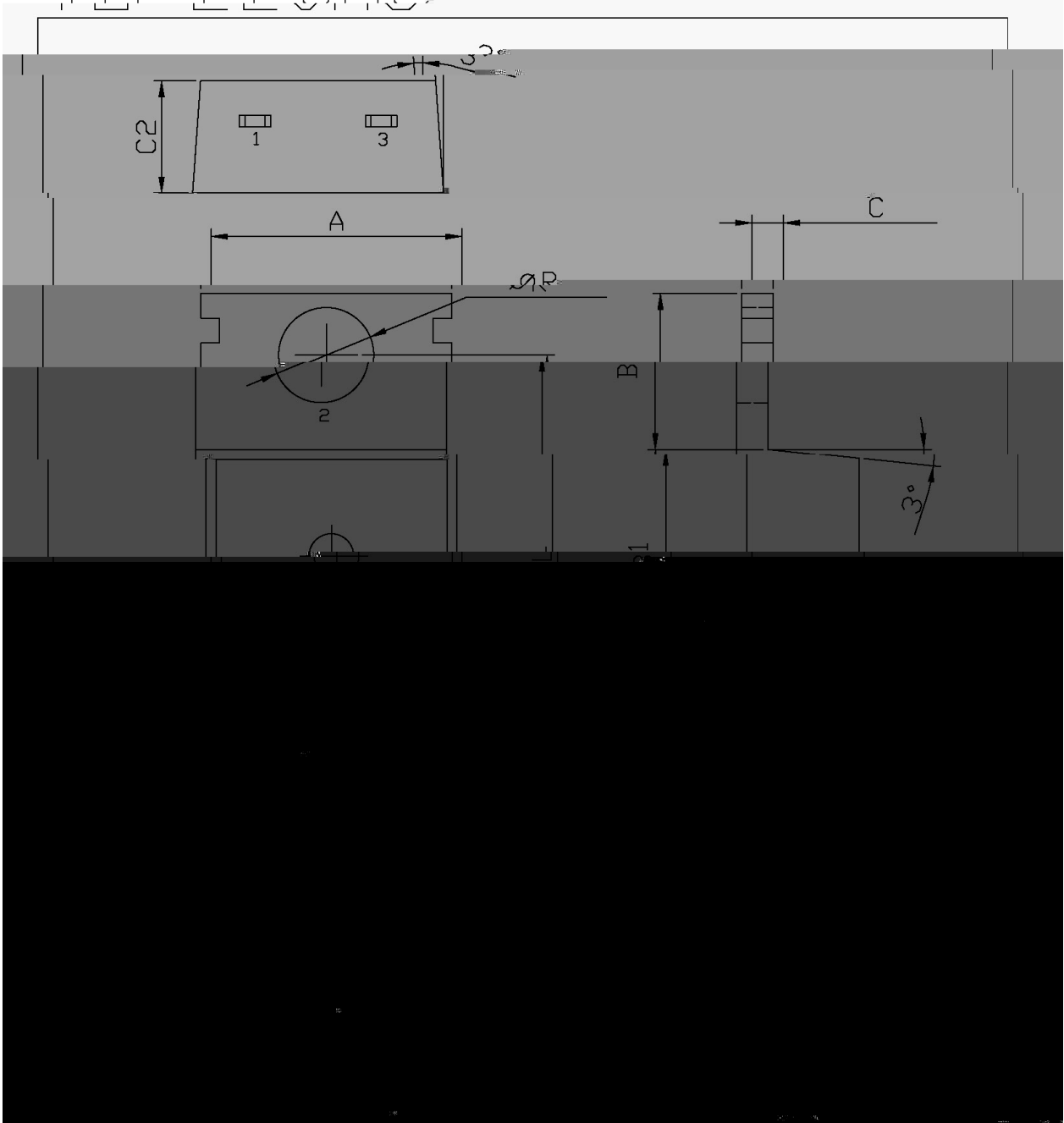
/ Electrical Characteristic Curve



/ Package Dimensions

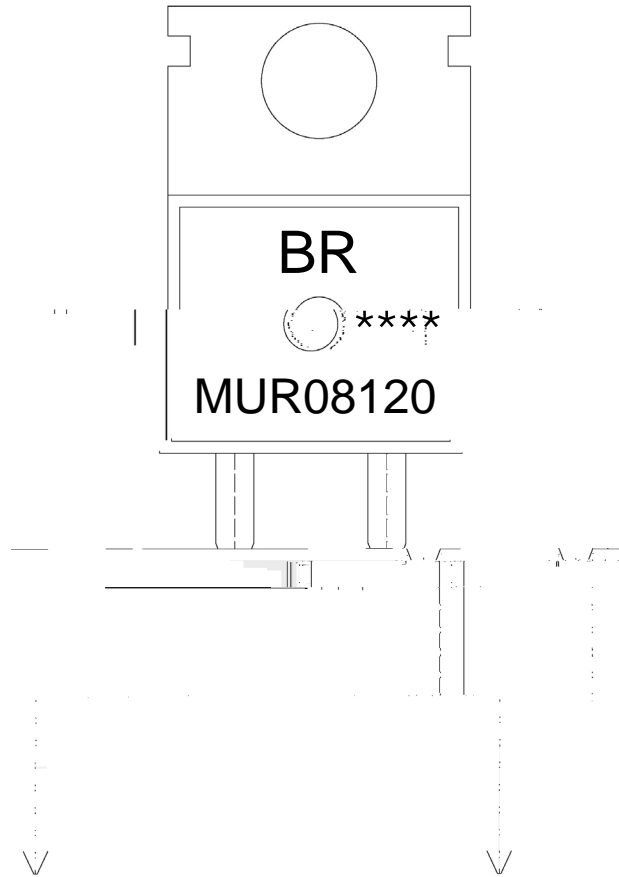
TO-220AC

Unit:mm



Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	B	6.3	6.7
R	3.56	3.64	B1	0.0	0.4
L	15.7	16.1	C1	2.2	2.6
b	12.6	13.6	C	1.2	1.4
phi1	0.6	0.65	alpha	0.4	0.6
alpha	1.2°	1.62°	alpha2	4.3	4.7
phi1	0.7	0.9			

**/ Marking Instructions**

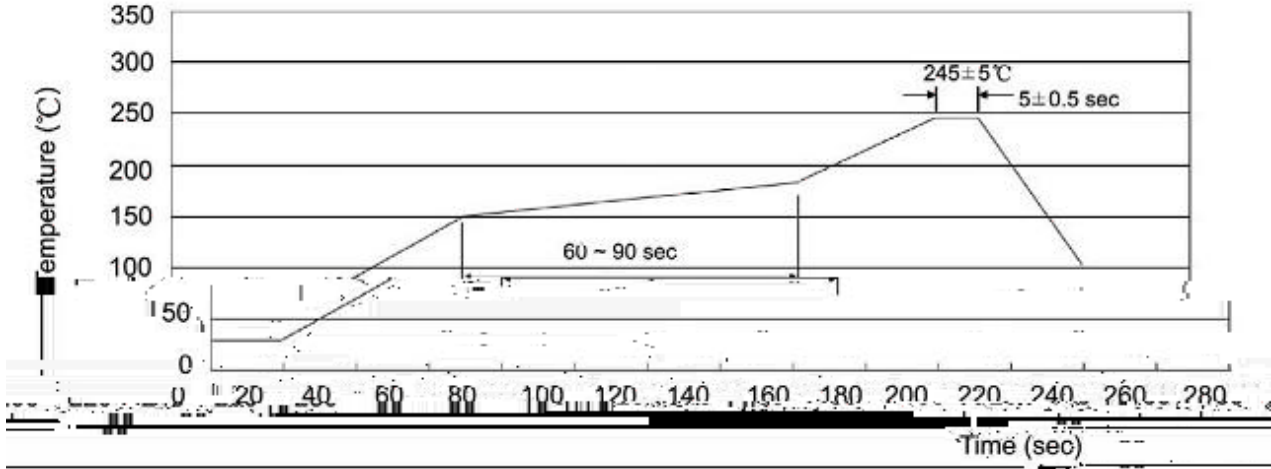


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**Note:**

- BR: Company Code
- MUR08120 Product Type Code.
- \*\*\*\*: Lot No. Code, code change with Lot No.

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



Note:

- 1        150 180        60 90sec;
- 2        255..5

1.Preheating:150~180 , Time:60~90sec.