

/ Descriptions

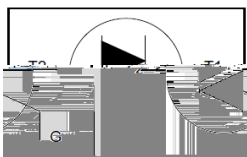
TO-92

/ Features

/ Applications

TITLE

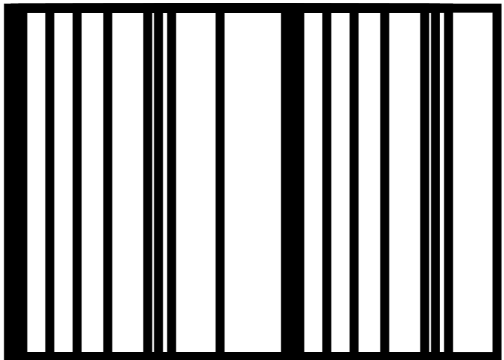
/ Equivalent Circuit



/ Pinning



/ h_{FE} Classifications & Marking



/ Absolute Maximum Ratings(Ta=25℃)

Symbol	Parameter	Unit	Value
I_{AS}	Average Rectified Current	A	1.0
I_{FSM}	Forward Surge Current	A	10
T_J	Junction Temperature	℃	175
T_{STG}	Storage Temperature	℃	-55~175
T_{LH}	Lead Temperature (Soldering)	℃	260
P_{TOT}	Total Power Dissipation	W	0.5
$R_{\theta JA}$	Thermal Resistance, Junction to Ambient	℃/W	100
$R_{\theta JL}$	Thermal Resistance, Junction to Lead	℃/W	10
$R_{\theta JS}$	Thermal Resistance, Junction to Solder	℃/W	5
θ_{JA}	Thermal Characteristic, Junction to Ambient	℃/W	100
θ_{JL}	Thermal Characteristic, Junction to Lead	℃/W	10
θ_{JS}	Thermal Characteristic, Junction to Solder	℃/W	5

/ Electrical Characteristics(Ta=25℃)

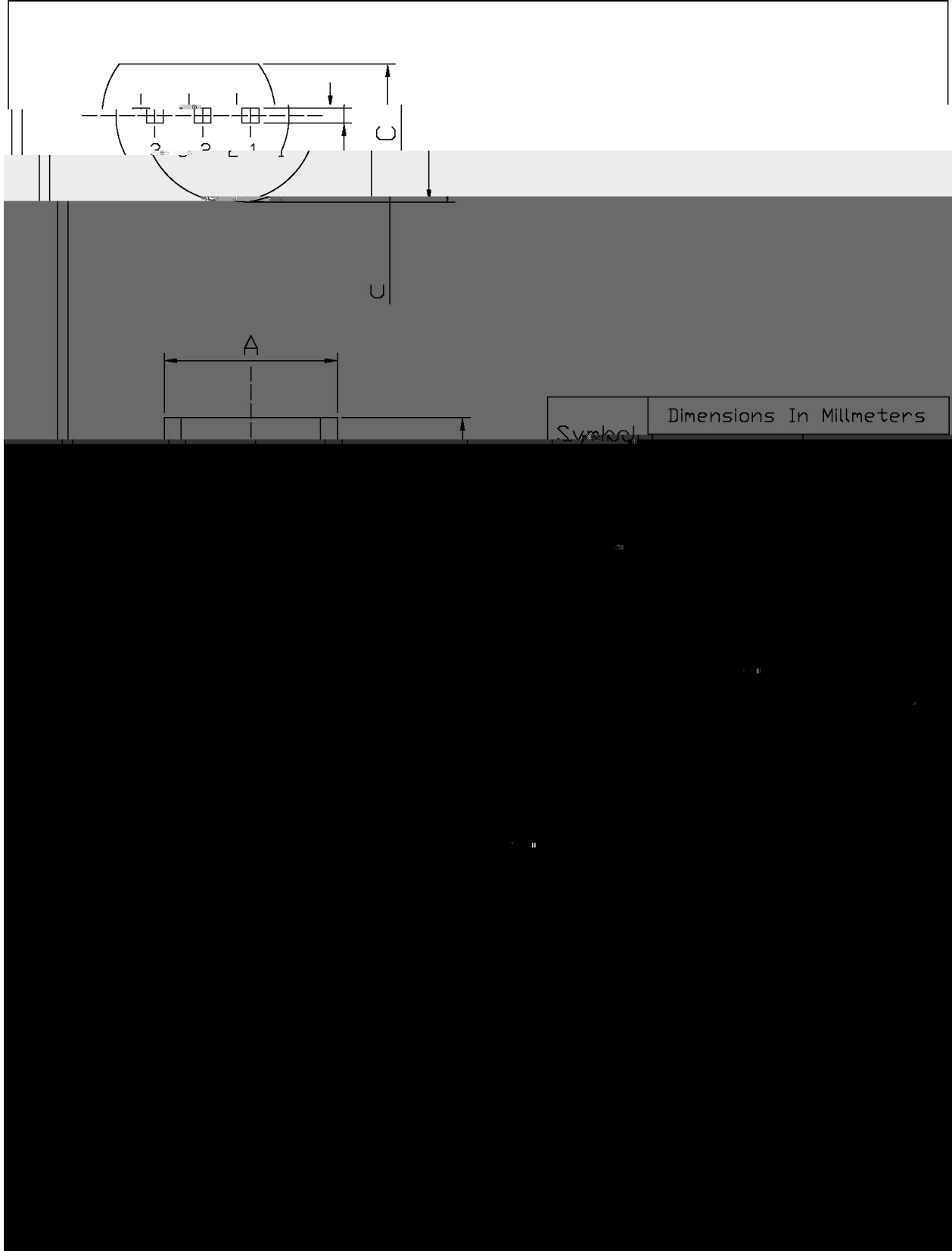
Symbol	Parameter	Unit	Value
V_F	Forward Voltage	V	1.0~1.2
V_{RRM}	Reverse Repetitive Voltage	V	50
V_{RM}	Reverse Maximum Voltage	V	50
I_{RM}	Reverse Maximum Current	A	0.1
I_{RRM}	Reverse Repetitive Current	A	0.1
f_T	Transition Frequency	Hz	100
C_{J0}	Capacitance	pF	10
C_{J1}	Capacitance	pF	10
C_{J2}	Capacitance	pF	10
C_{J3}	Capacitance	pF	10
C_{J4}	Capacitance	pF	10
C_{J5}	Capacitance	pF	10
C_{J6}	Capacitance	pF	10
C_{J7}	Capacitance	pF	10
C_{J8}	Capacitance	pF	10
C_{J9}	Capacitance	pF	10
C_{J10}	Capacitance	pF	10
C_{J11}	Capacitance	pF	10
C_{J12}	Capacitance	pF	10
C_{J13}	Capacitance	pF	10
C_{J14}	Capacitance	pF	10
C_{J15}	Capacitance	pF	10
C_{J16}	Capacitance	pF	10
C_{J17}	Capacitance	pF	10
C_{J18}	Capacitance	pF	10
C_{J19}	Capacitance	pF	10
C_{J20}	Capacitance	pF	10
C_{J21}	Capacitance	pF	10
C_{J22}	Capacitance	pF	10
C_{J23}	Capacitance	pF	10
C_{J24}	Capacitance	pF	10
C_{J25}	Capacitance	pF	10
C_{J26}	Capacitance	pF	10
C_{J27}	Capacitance	pF	10
C_{J28}	Capacitance	pF	10
C_{J29}	Capacitance	pF	10
C_{J30}	Capacitance	pF	10
C_{J31}	Capacitance	pF	10
C_{J32}	Capacitance	pF	10
C_{J33}	Capacitance	pF	10
C_{J34}	Capacitance	pF	10
C_{J35}	Capacitance	pF	10
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C_{J90}	Capacitance	pF	10
C_{J91}	Capacitance	pF	10
C_{J92}	Capacitance	pF	10
C_{J93}	Capacitance	pF	10
C_{J94}	Capacitance	pF	10
C_{J95}	Capacitance	pF	10
C_{J96}	Capacitance	pF	10
C_{J97}	Capacitance	pF	10
C_{J98}	Capacitance	pF	10
C_{J99}	Capacitance	pF	10
C_{J100}	Capacitance	pF	10

/ Absolute Maximum Ratings(Ta=25)

/ Package Dimensions

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Unit: mm



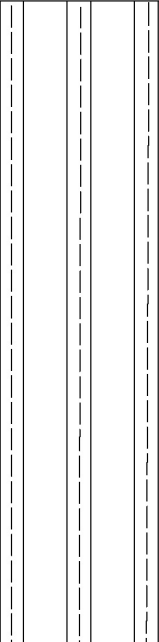
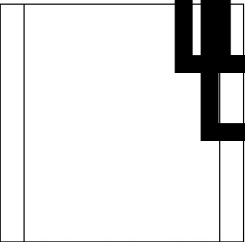
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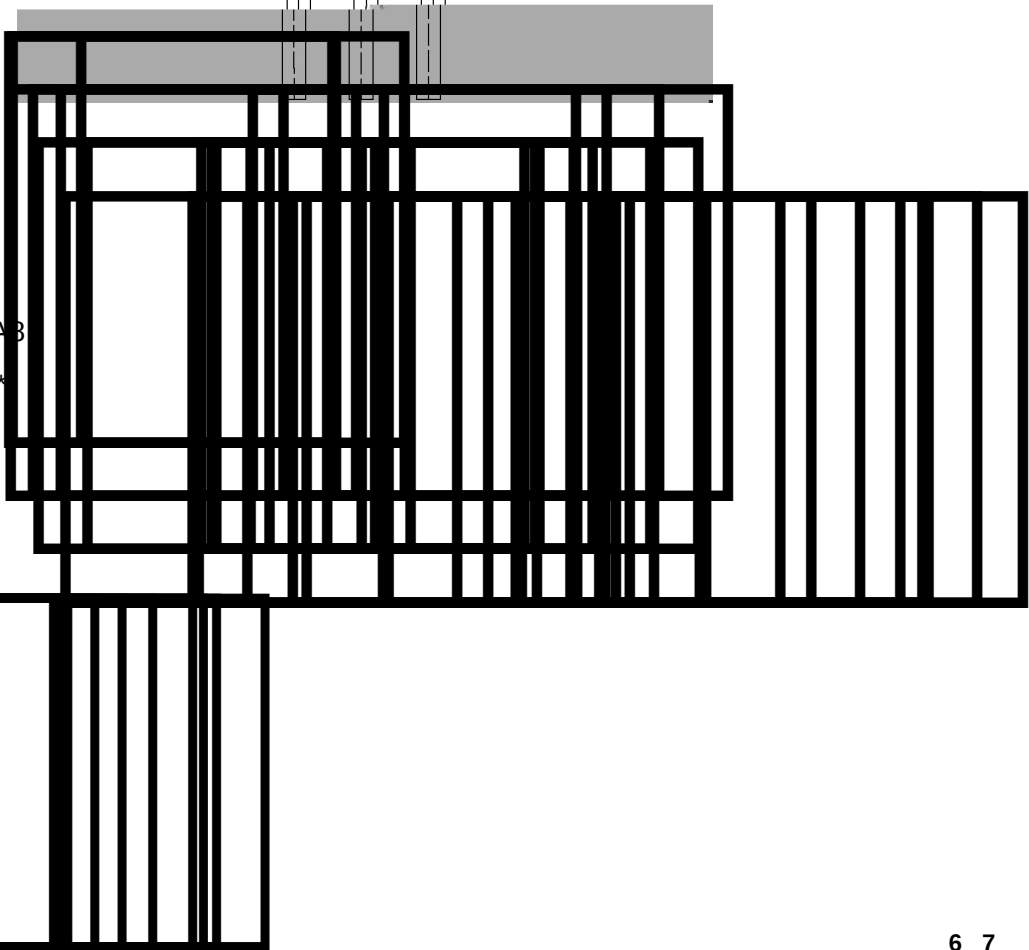
蓝箭电子
BLUE ROCKET ELECTRONICS

DATA SHEET

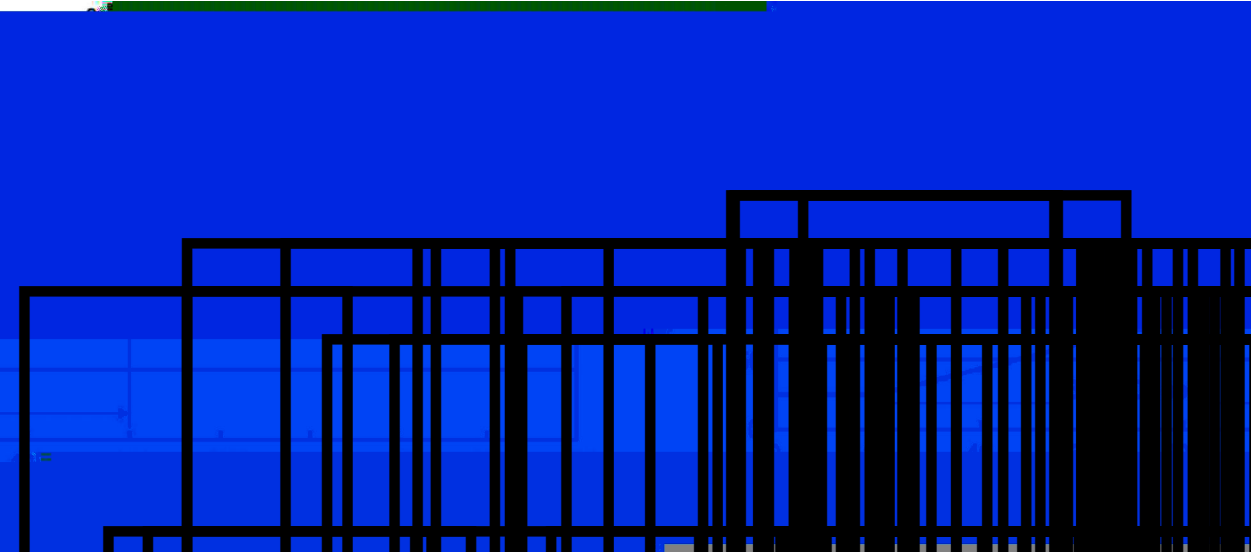
/ Marking Instructions



BR
97A8



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



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

包装数量						包装尺寸		
封装形式	只袋	袋盒	只盒	盒箱	只箱	袋	盒	箱

