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CS20106



蓝箭电子
BLUE ROCKET ELECTRONICS

T SHEET

/ Descriptions

/ Features

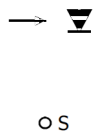
$R_{DS(ON)} \leq 75m\Omega$ (Typ. $65m\Omega$)
 $R_{DS(ON)}@-4.5V \leq 100m\Omega$ (Typ. $70m\Omega$)
AEC-Q101

/ Applications

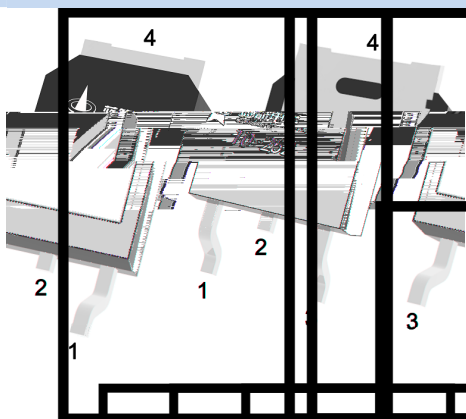
DC/DC

/ Equivalent Circuit

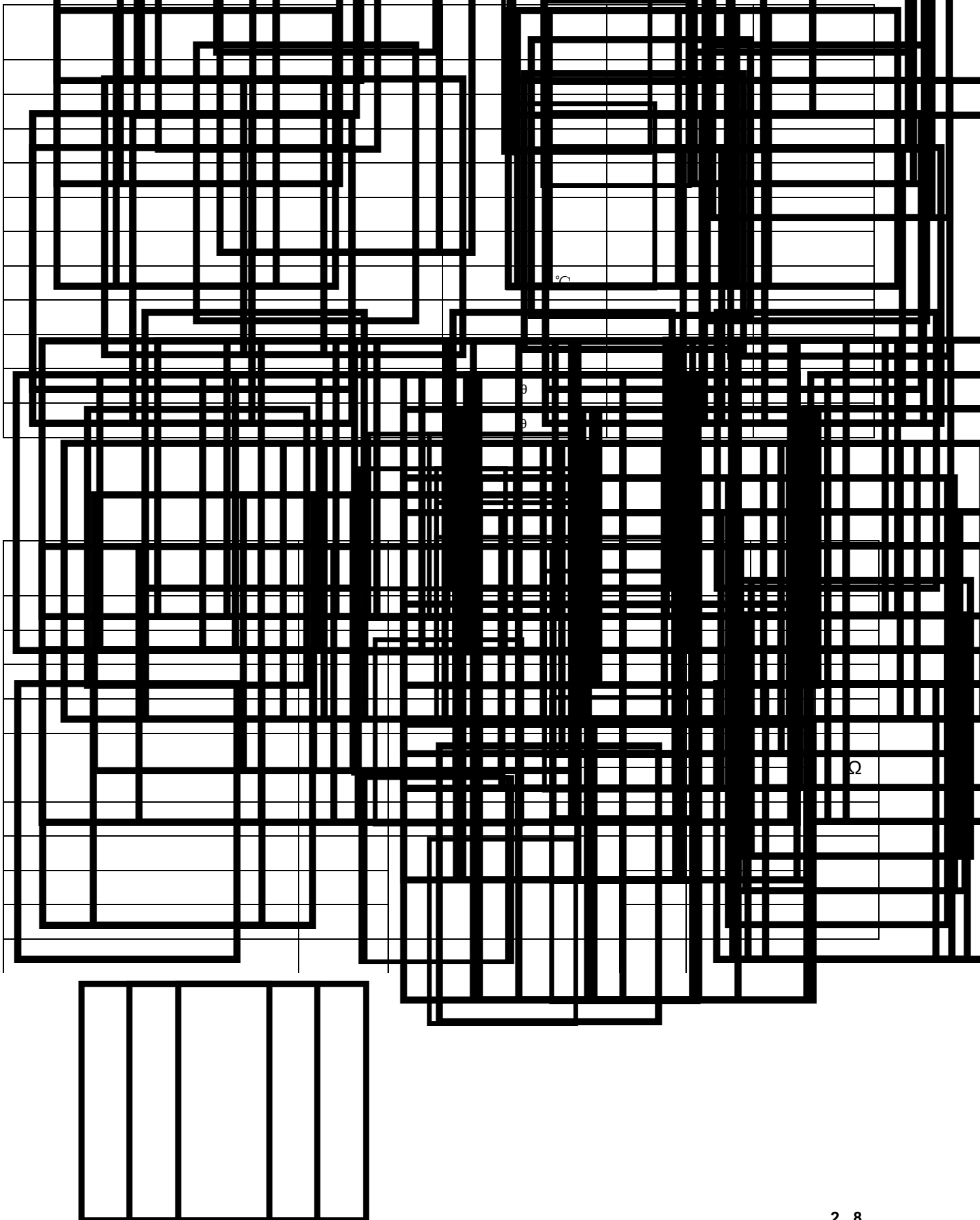
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/ Pinning



/ Marking



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THE ROCK ELECTRONICS

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/ Electrical Characteristic Curve

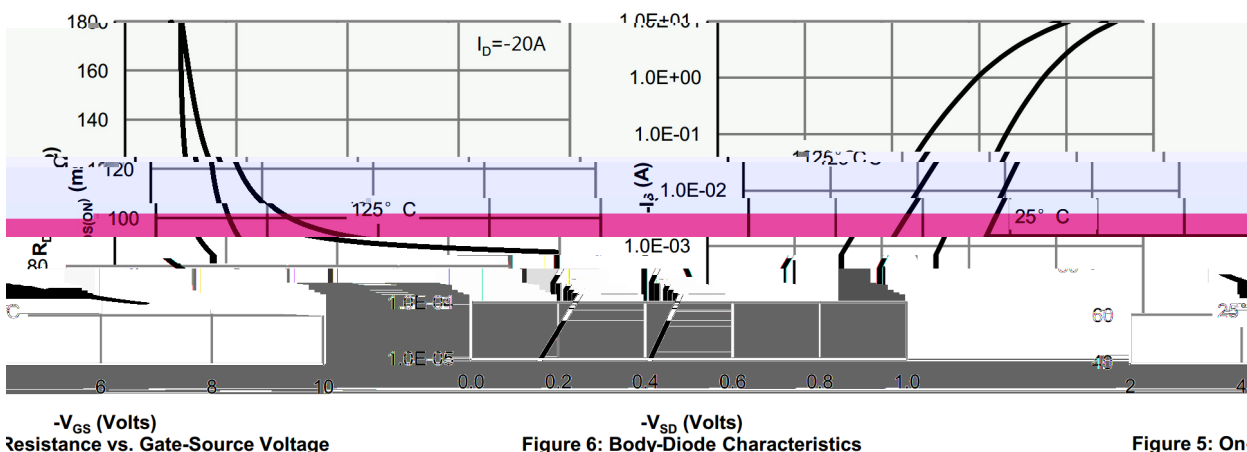
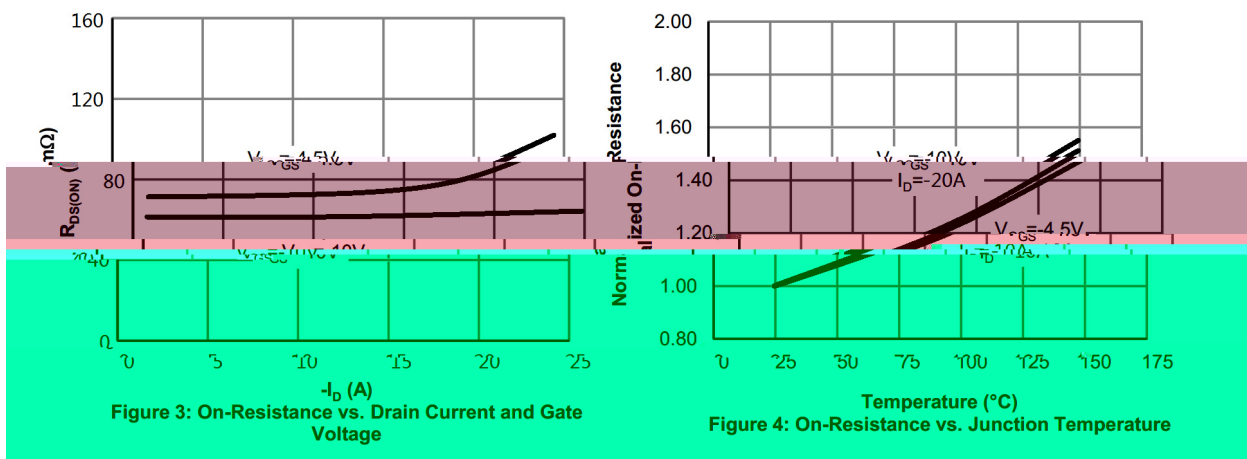
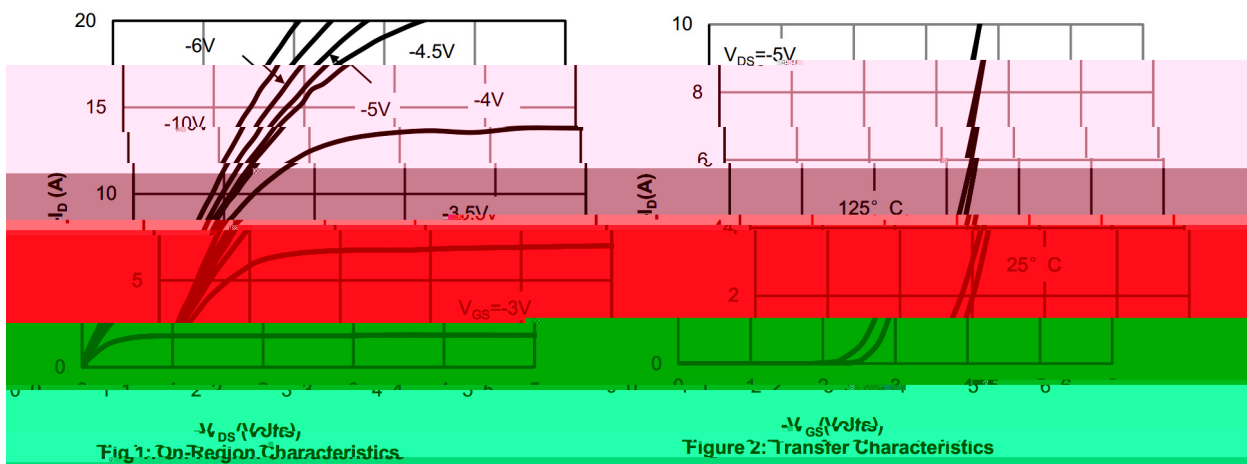
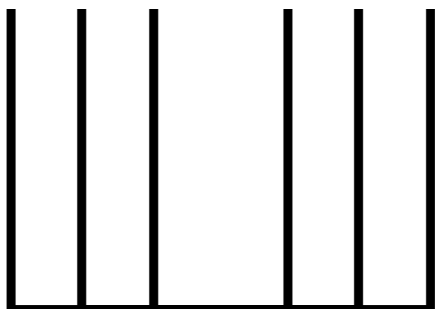
- V_{GS} (Volts)
Resistance vs. Gate-Source Voltage- V_{SD} (Volts)
Figure 6: Body-Diode Characteristics

Figure 5: On-Resistance vs. Gate-Source Voltage



/ Electrical Characteristic Curve

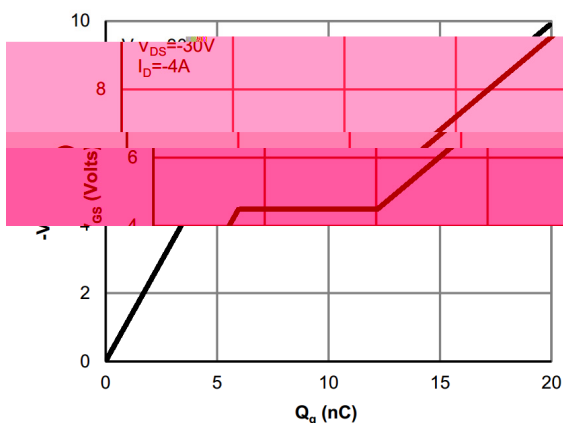


Figure 7: Gate-Charge Characteristics

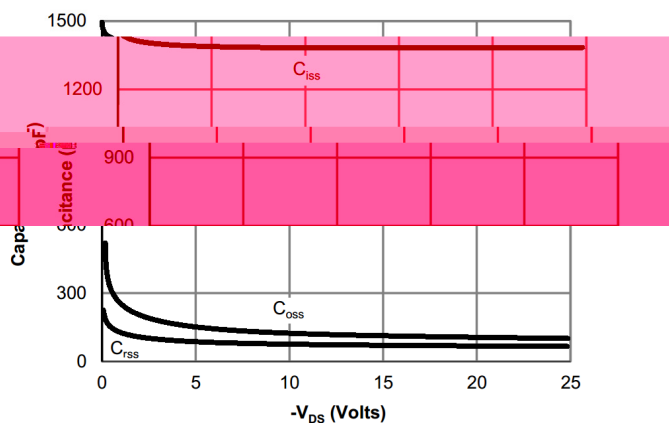


Figure 8: Capacitance Characteristics

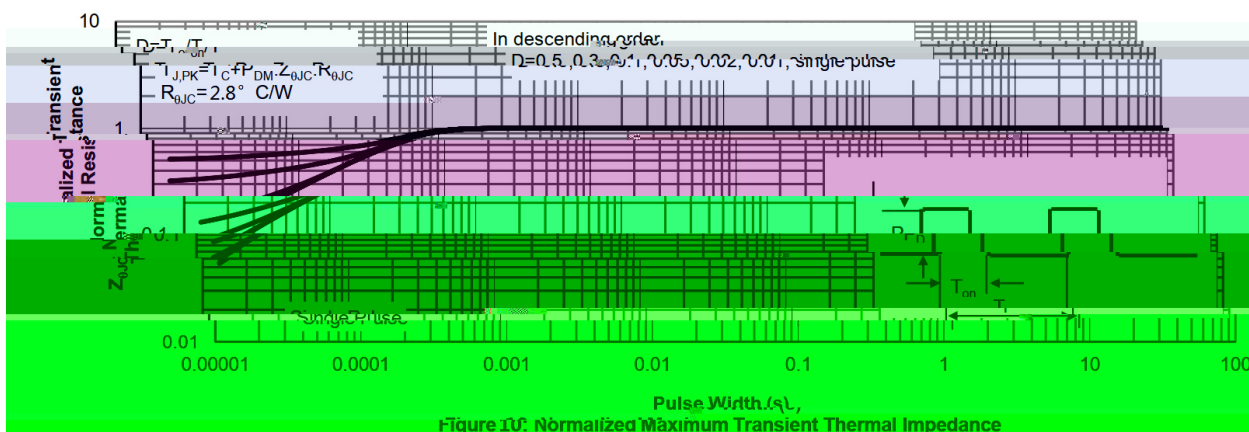
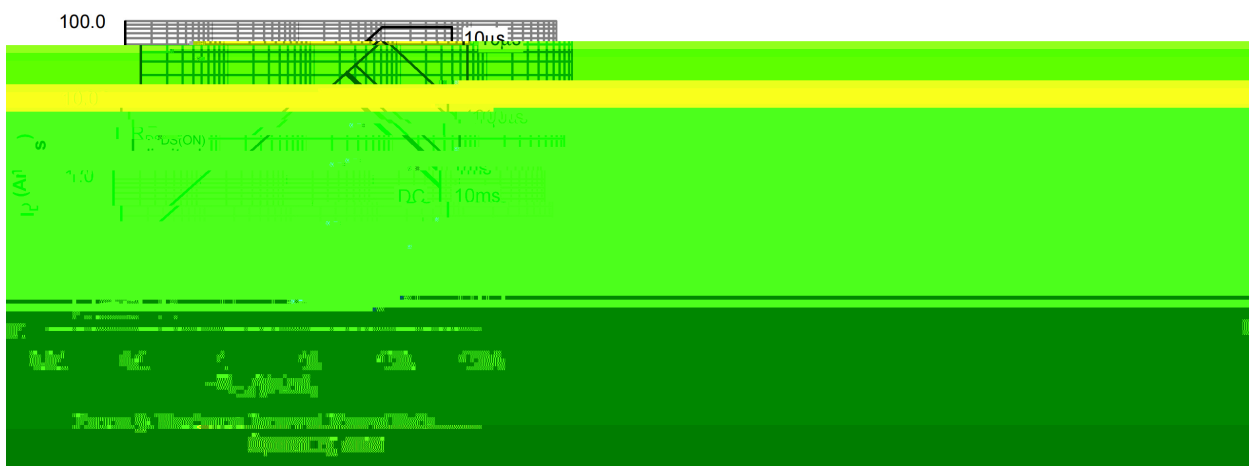
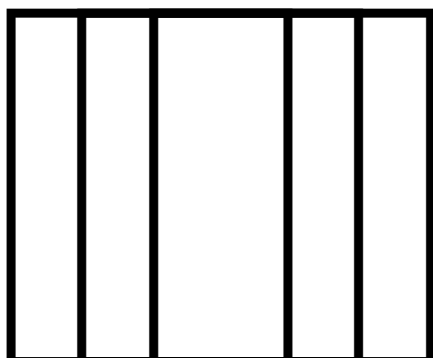
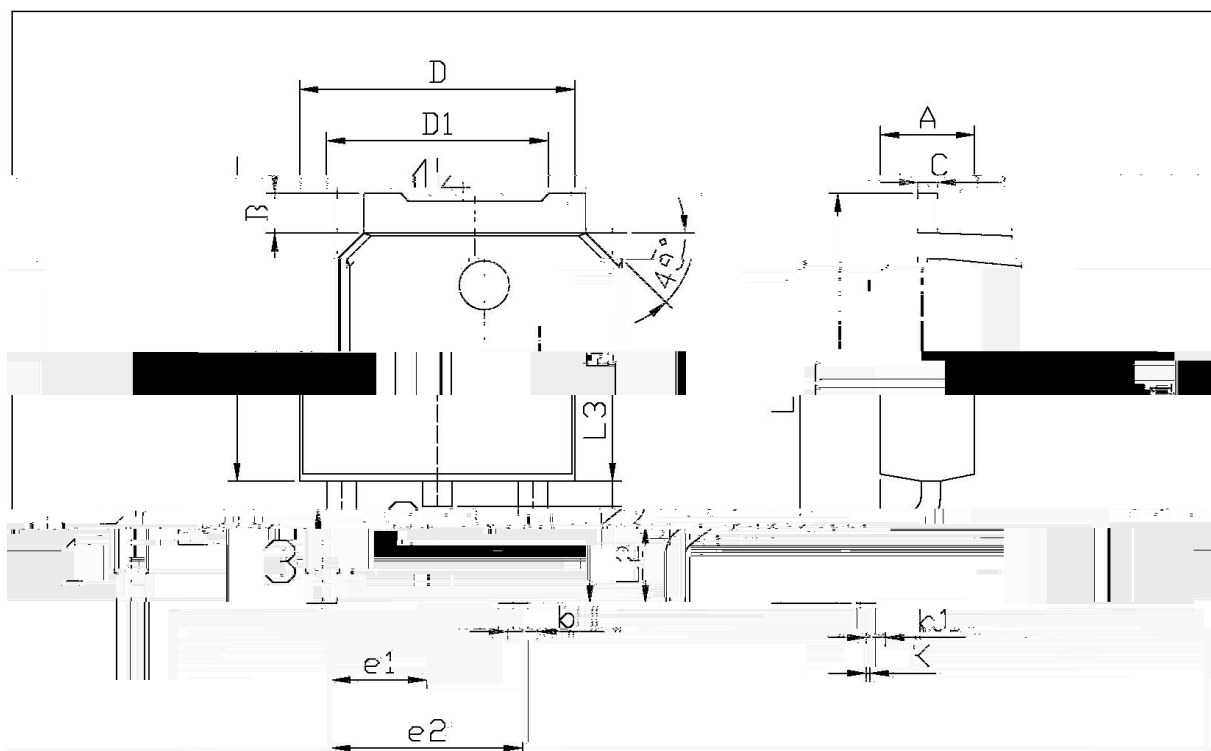


Figure 10: Normalized Maximum Transient Thermal Impedance



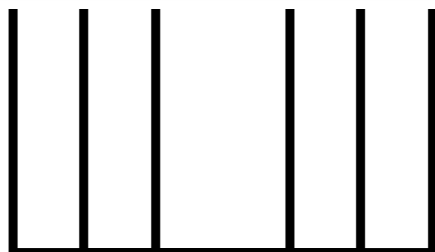
/ acka im nsions



单位: mm

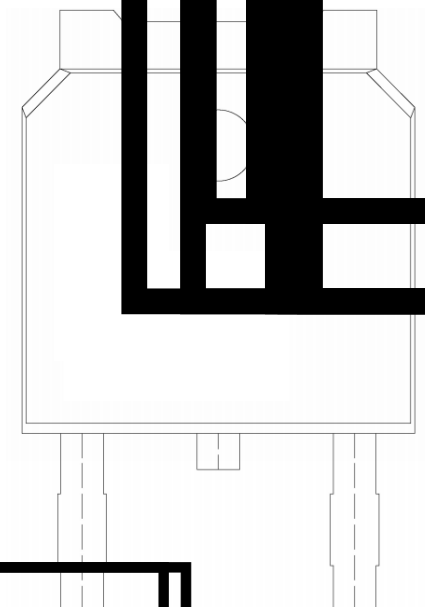
Symbol		Dimensions In Millimeters		Symbol		Dimensions In Millimeters	
		Min	Max.			Min	Max
5.95	2.25	6.25	1.25	2.24	2.34	2.50	2.70
0.95	1.25	1.25	1.25	2.24	2.34	2.50	2.70
0.79	0.90	0.90	0.90	0.43	0.33	0.33	0.33
85	10.35	10.35	10.35	0.45	0.55	0.55	0.55
0.45	0.45	0.45	0.45	0.45	0.55	0.55	0.55
0.60	0.90	0.90	0.90	0.60	0.90	0.90	0.90
5.50	0.60	0.60	0.60	0.10	0.10	0.10	0.10

TO-252

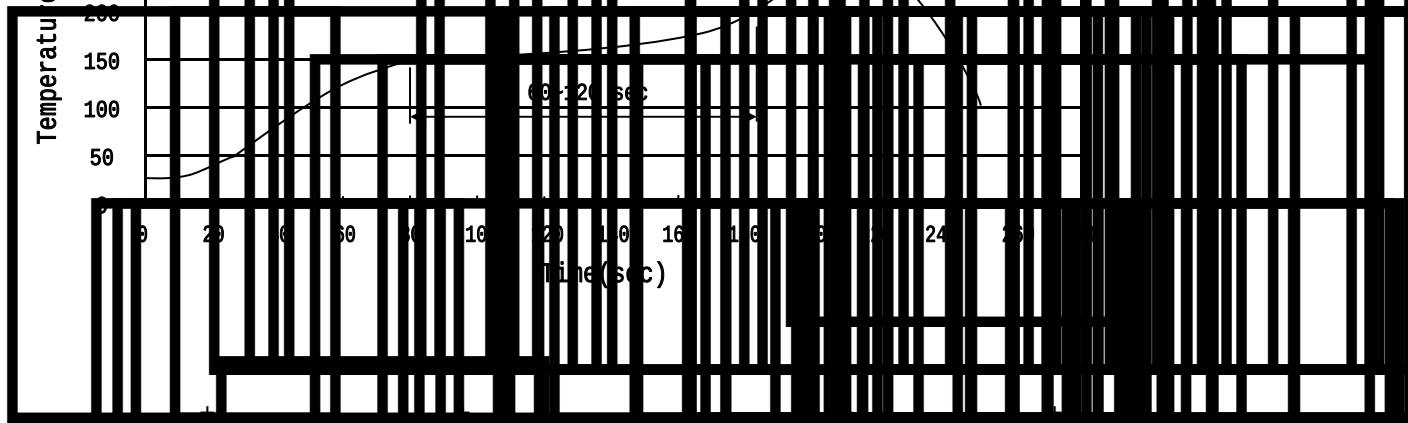




/ Markin Instructions



() / Temperature Profile for IR Reflow Soldering(Pb-Free)



Optimal Solution II at T of Convergence

/ Acknowledgements

/ Notic s

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