

/ Descriptions

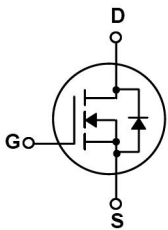
/ Features

Ultra Low On-Resistance,fast switching.

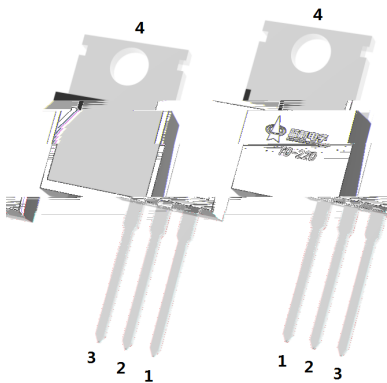
/ Applications

PFC

/ Equivalent Circuit



/ Pinning

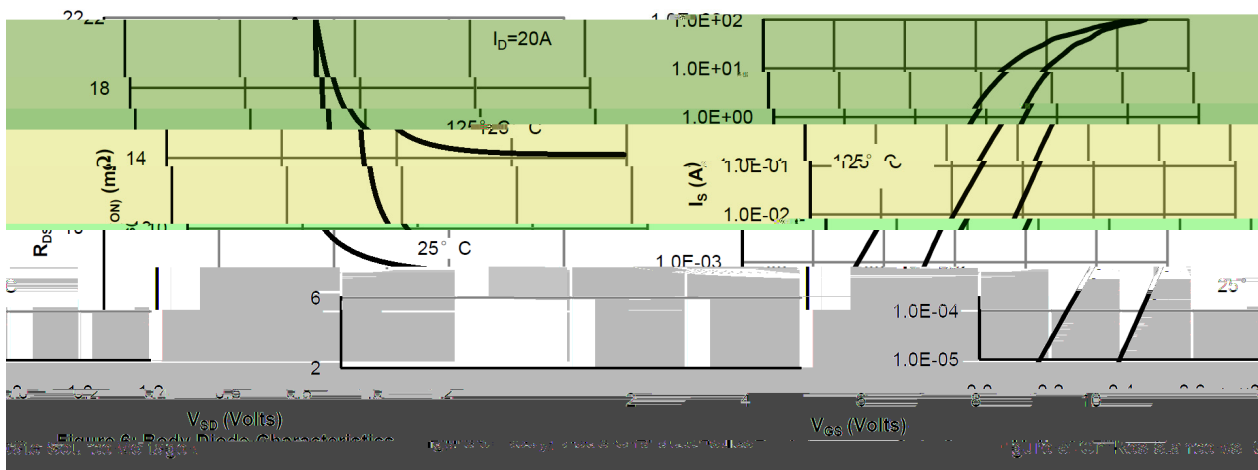
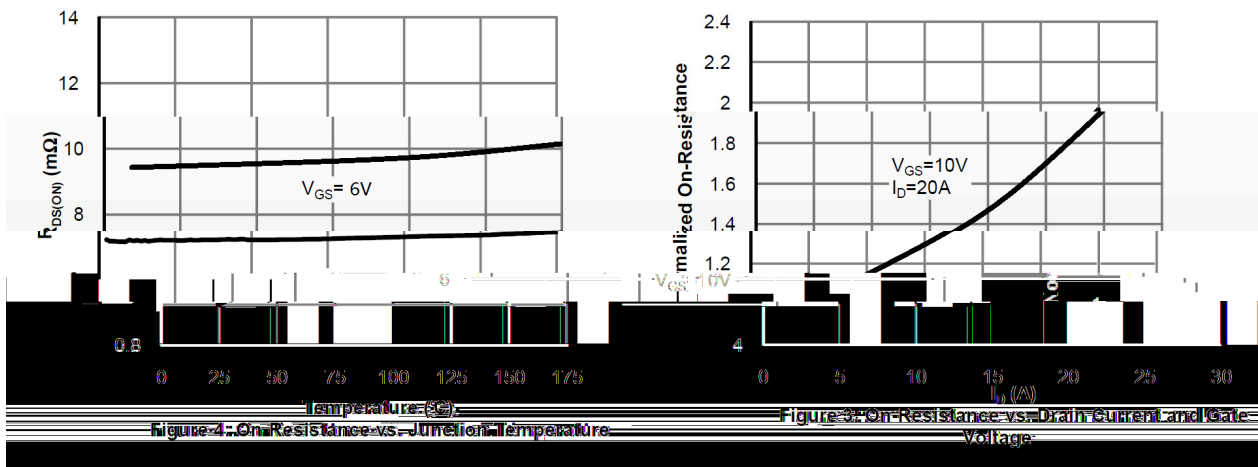
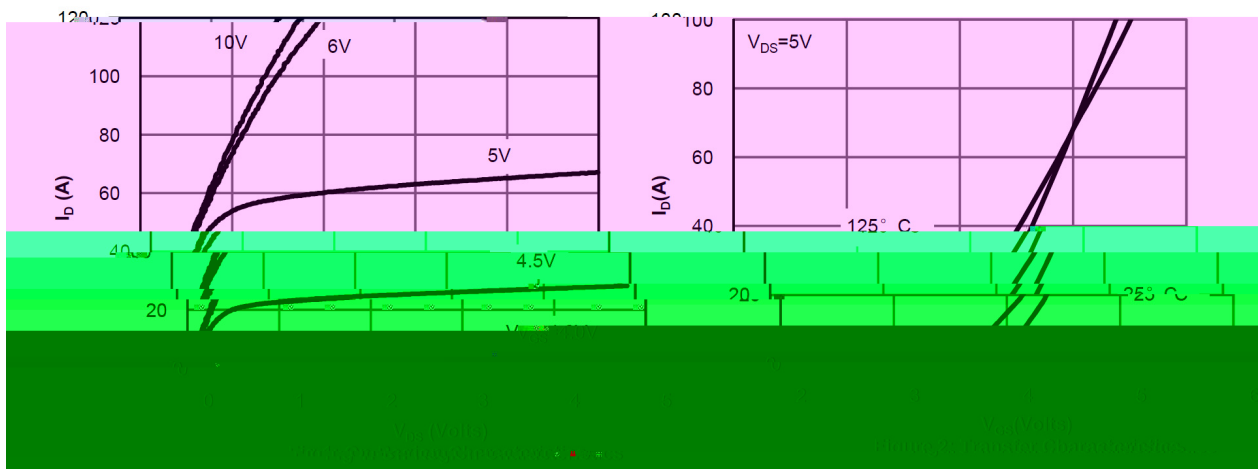


/ Marking

/ Electrical Characteristics(Ta=25 –)

		Ω Ω				

/ Electrical Characteristic Curve



/ Electrical Characteristic Curve

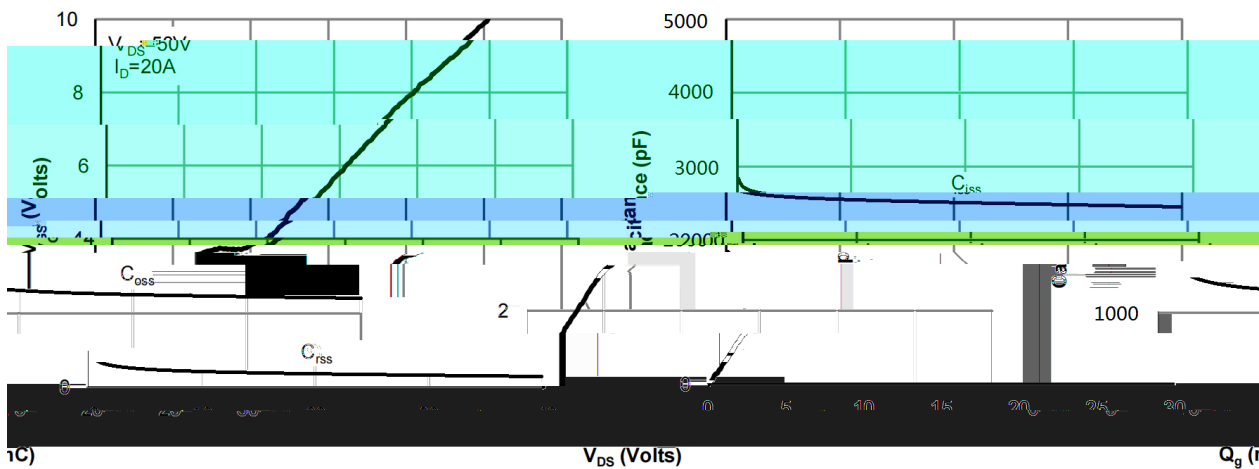


Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

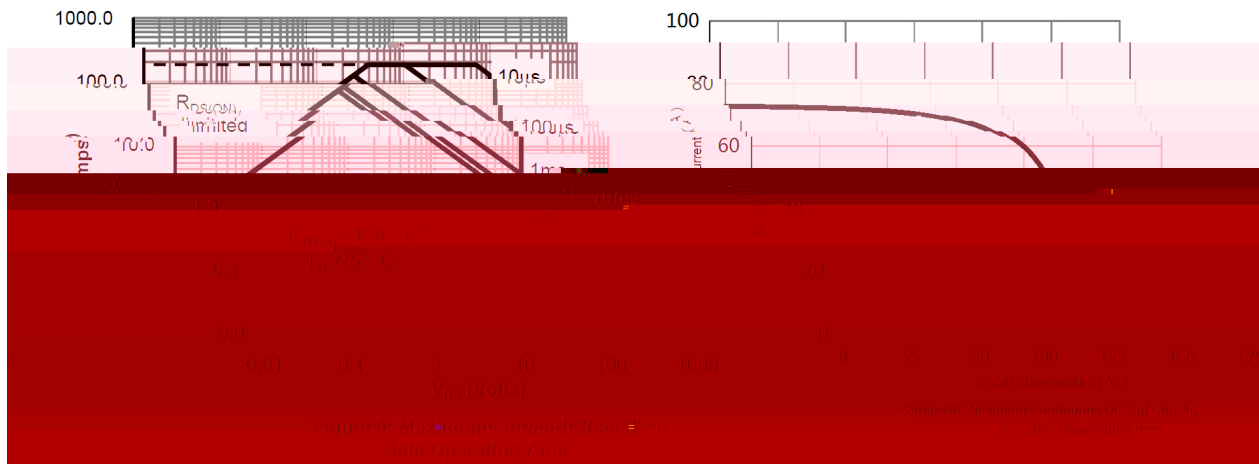


Figure 9: Maximum Avalanche Width Time

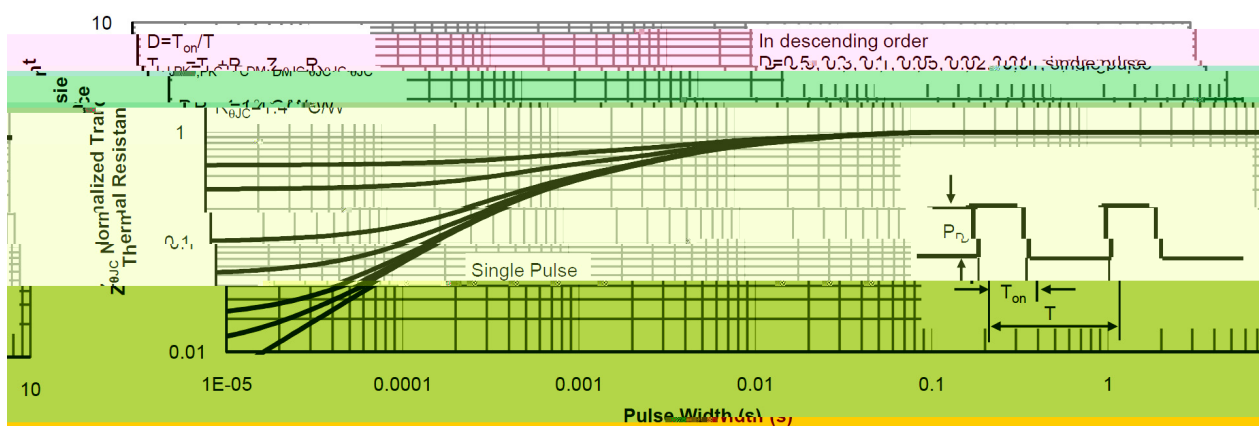
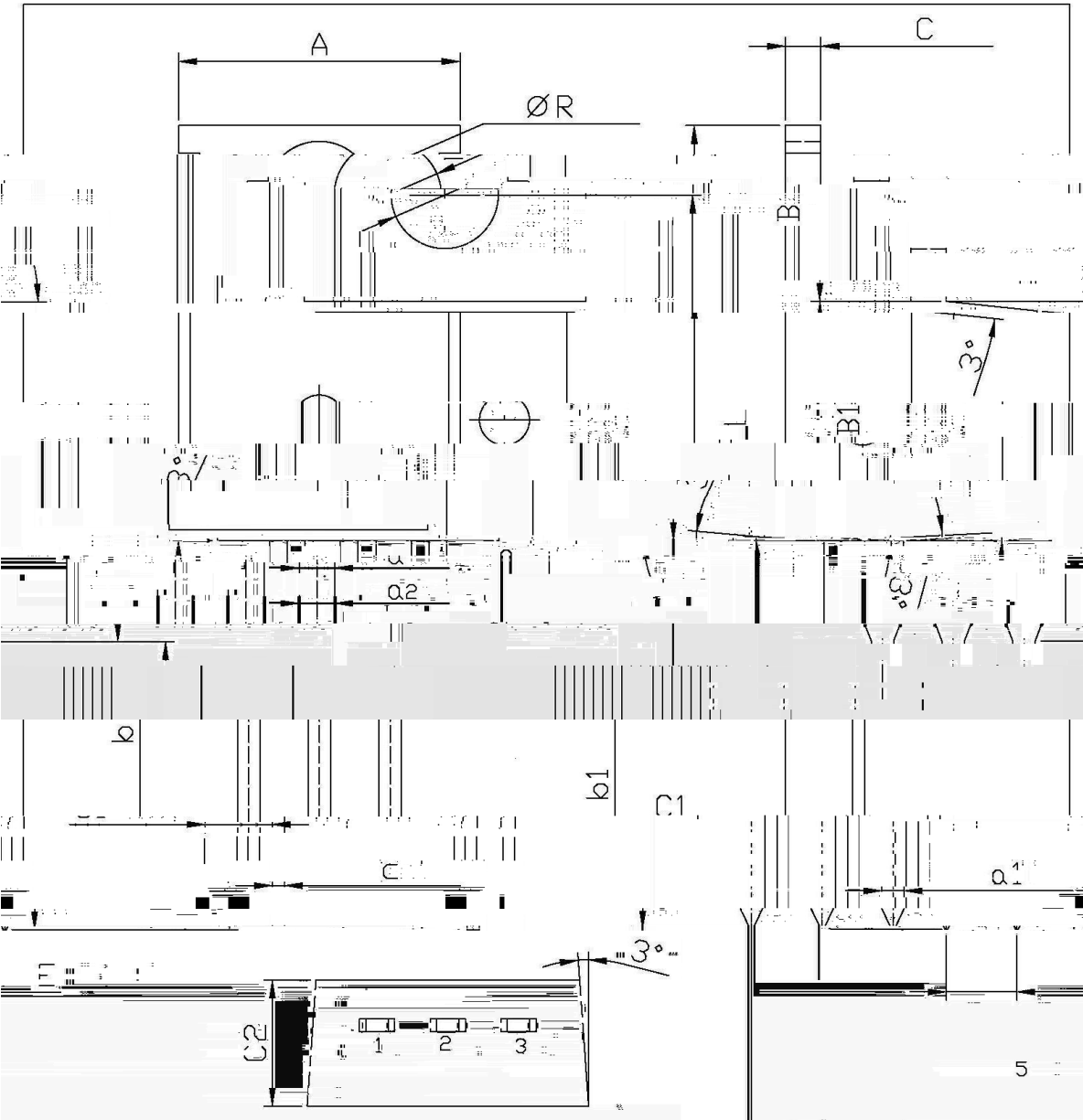


Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions

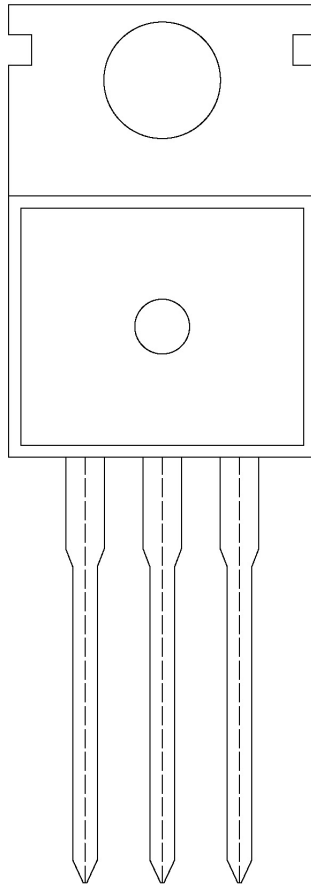
T0-220

单位: mm



Dimensions In Millimeters				Dimensions In Millimeters			
Max	Symbol	Min		Max	Symbol	Min	
1.4	A	9.8		10.2	C	12	
6.7	R	3.56		3.64	B	6.3	
9.4	B1	15.7		16.1	B1	9.0	
2.6	b1	12.6		13.6	C1	2.2	

/ Marking Instructions



BR

080N10SH

Figure 1 is a line graph showing Temperature (°C) versus Time (sec). The temperature starts at approximately 25°C, rises linearly to 115°C at 115 seconds, then rises sharply to a peak of $255 \pm 5^\circ\text{C}$ at 120 seconds. It remains at this peak for 5 ± 0.5 seconds before cooling down to approximately 105°C at 145 seconds. A horizontal line segment from 20 to 115 seconds is labeled "86 ~ 100 sec".

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