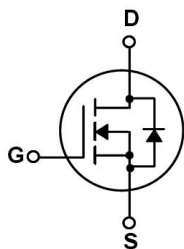


/ Descriptions

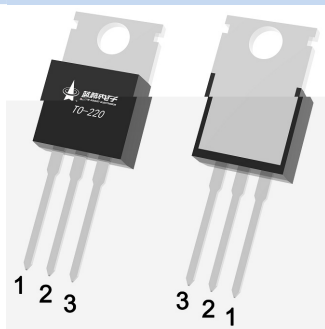
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

/ Electrical Characteristics(Ta=25)

		Ω Ω				

/ Electrical Characteristic Curve

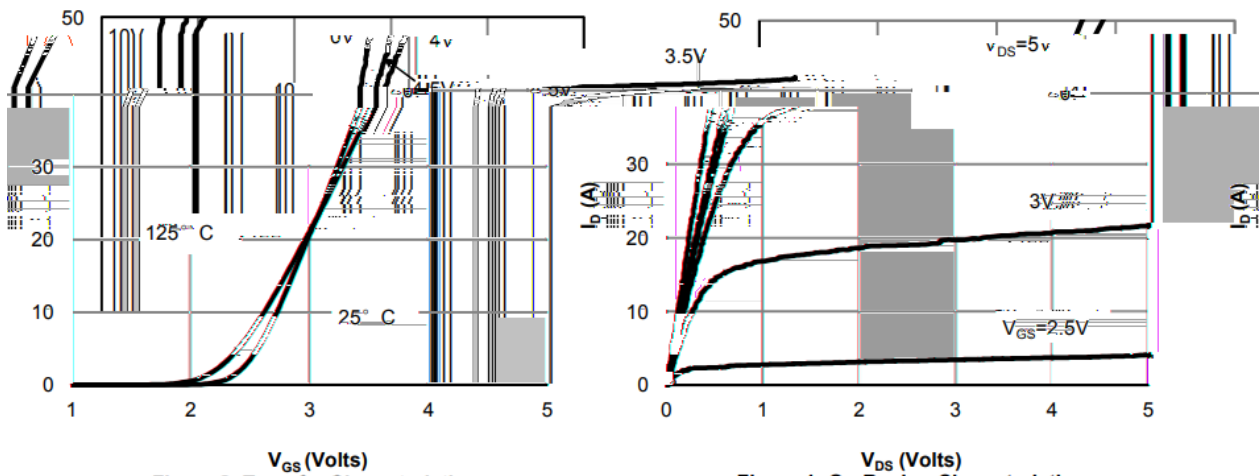


Figure 1: On-Region Characteristics

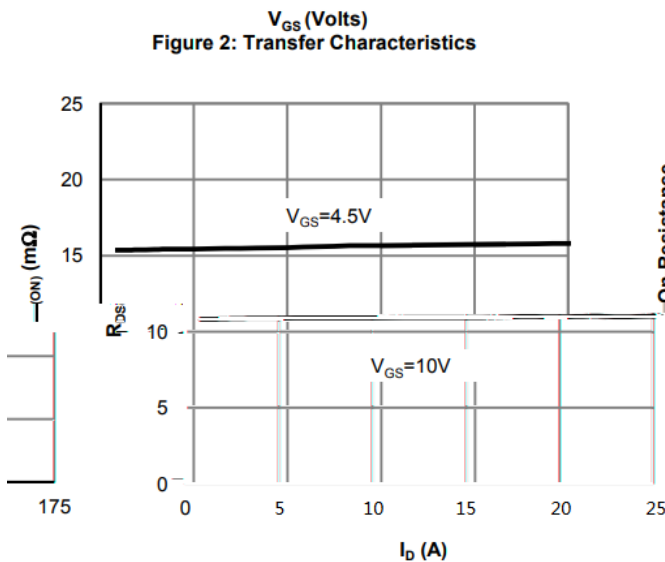


Figure 2: Transfer Characteristics

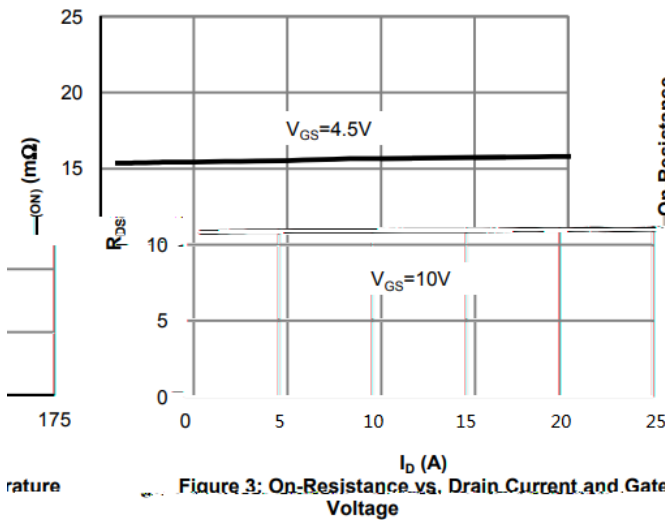


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

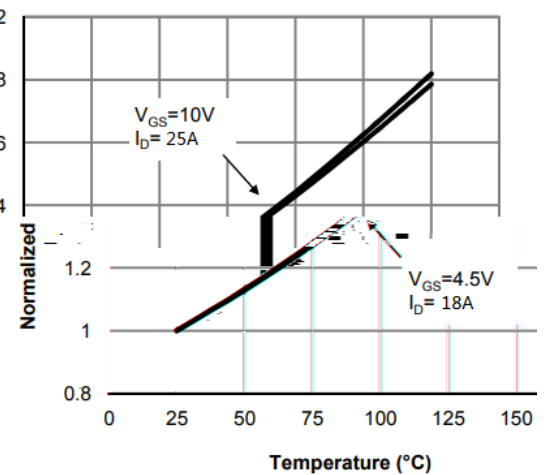


Figure 4: On-Resistance vs. Junction Temperature

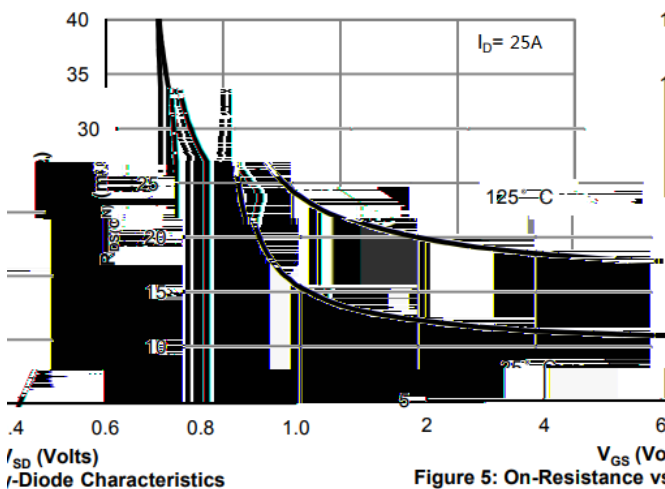


Figure 5: On-Resistance vs. Gate-Source Voltage

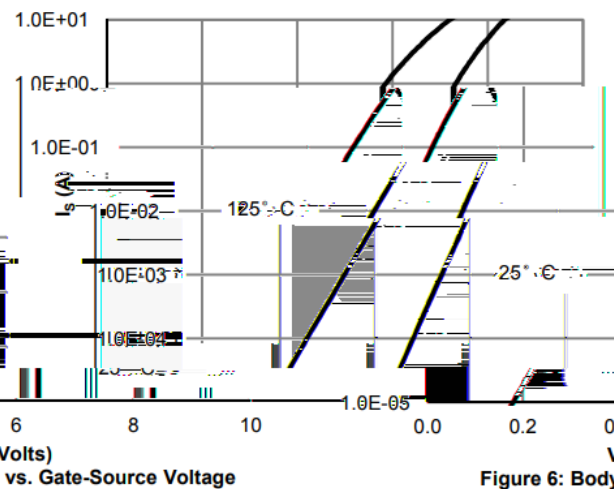


Figure 6: Body Diode Characteristics

/ Electrical Characteristic Curve

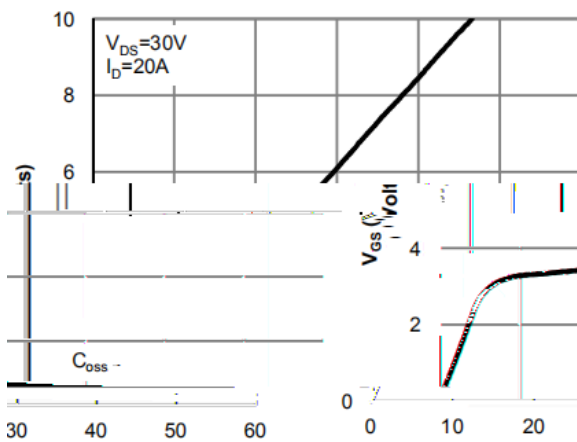

 (volts)
 Characteristics

Figure 7: Gate-Charge Characteristics

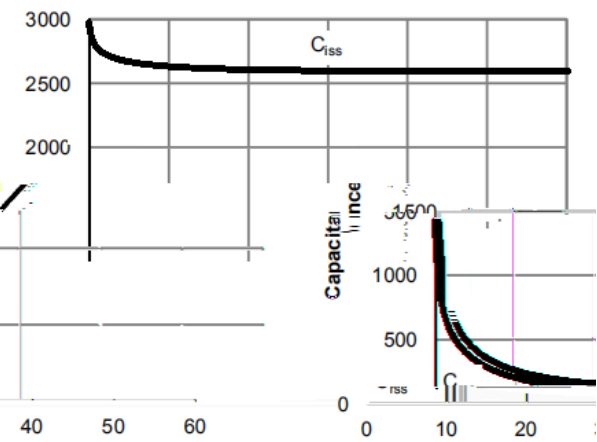


Figure 8: Capacitance Characteristics

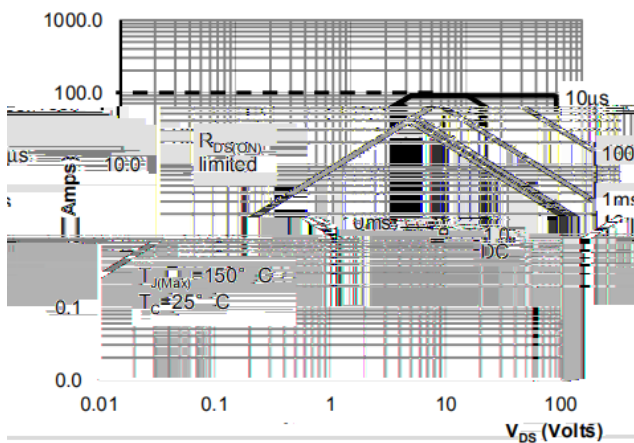
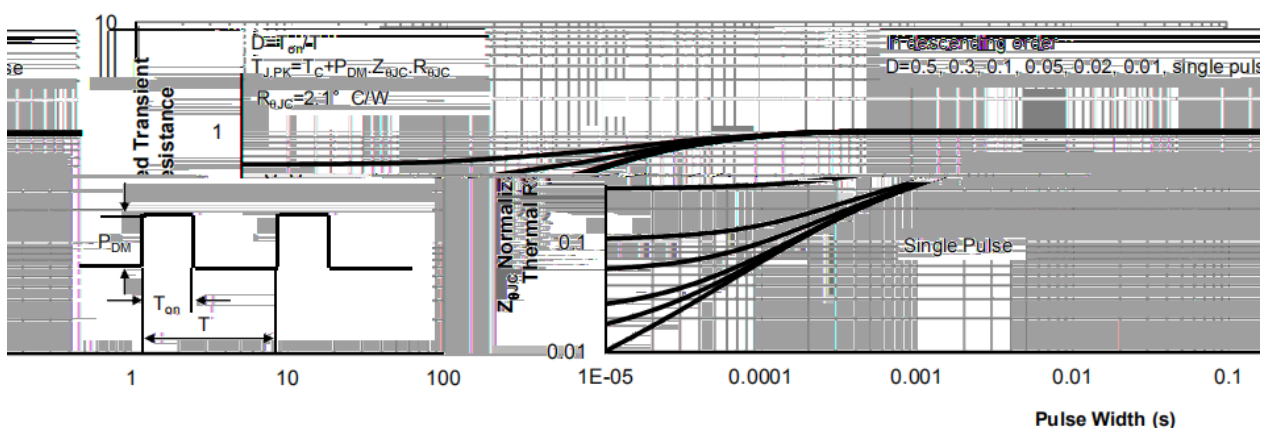


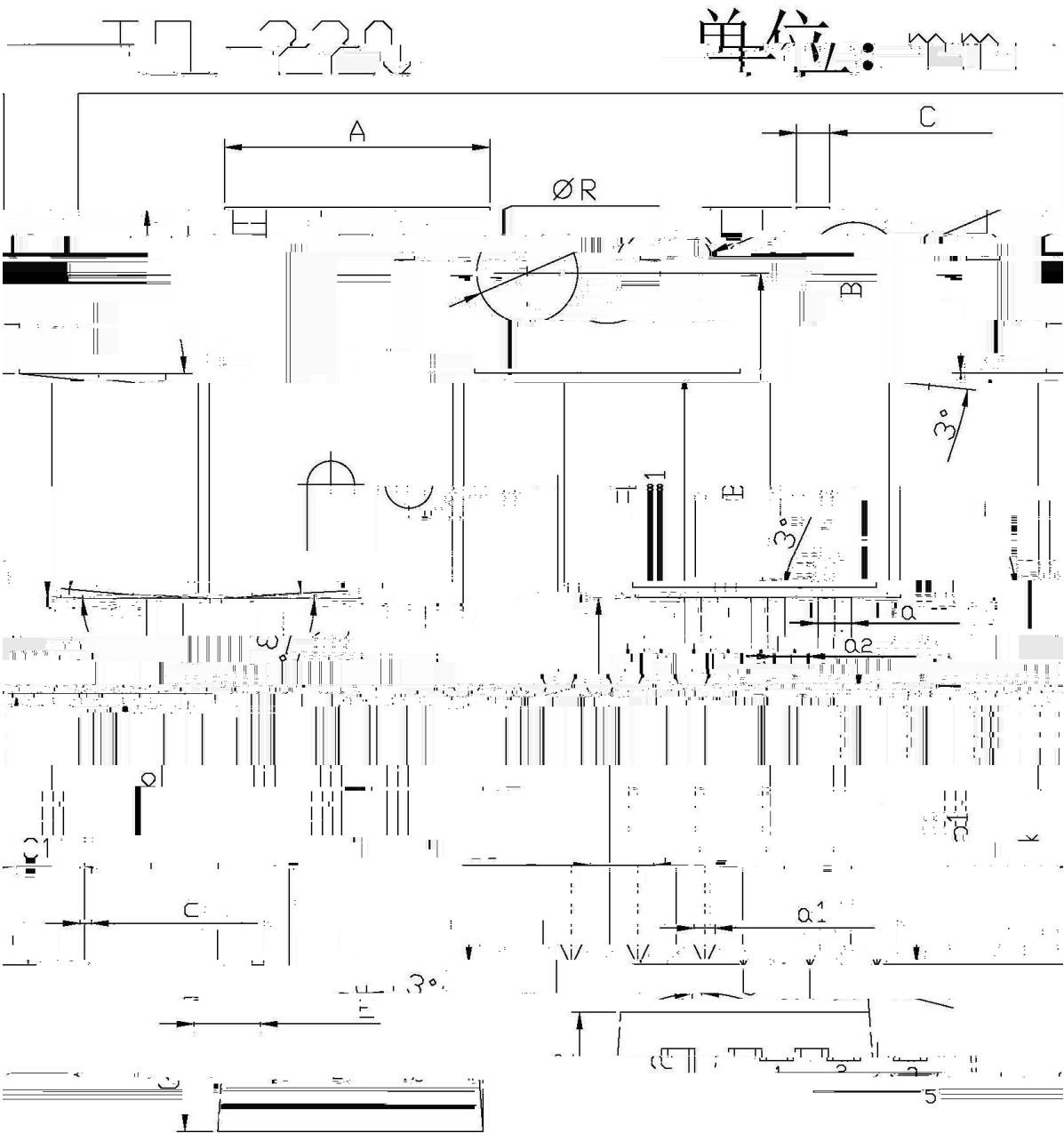
Figure 9: Maximum Forward Bias Safe Operating Area



Impedance

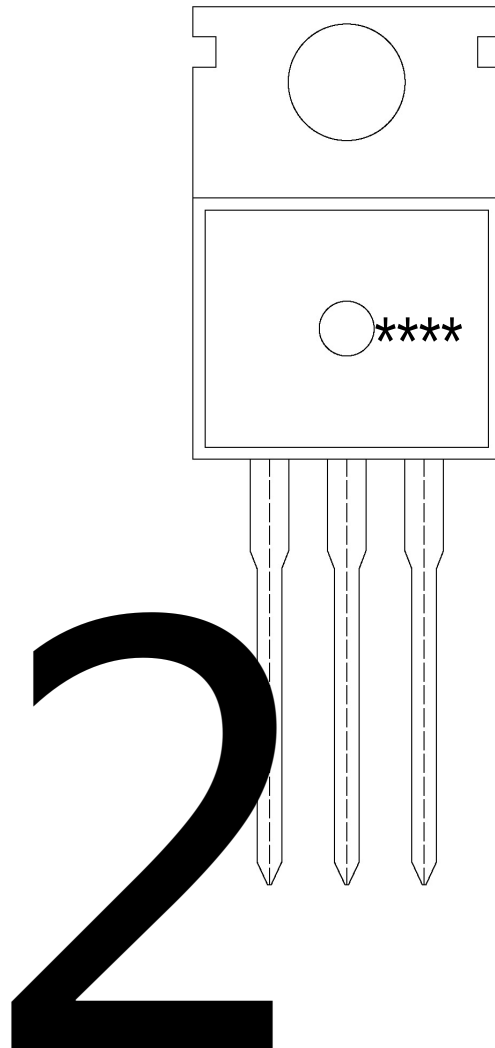
Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions

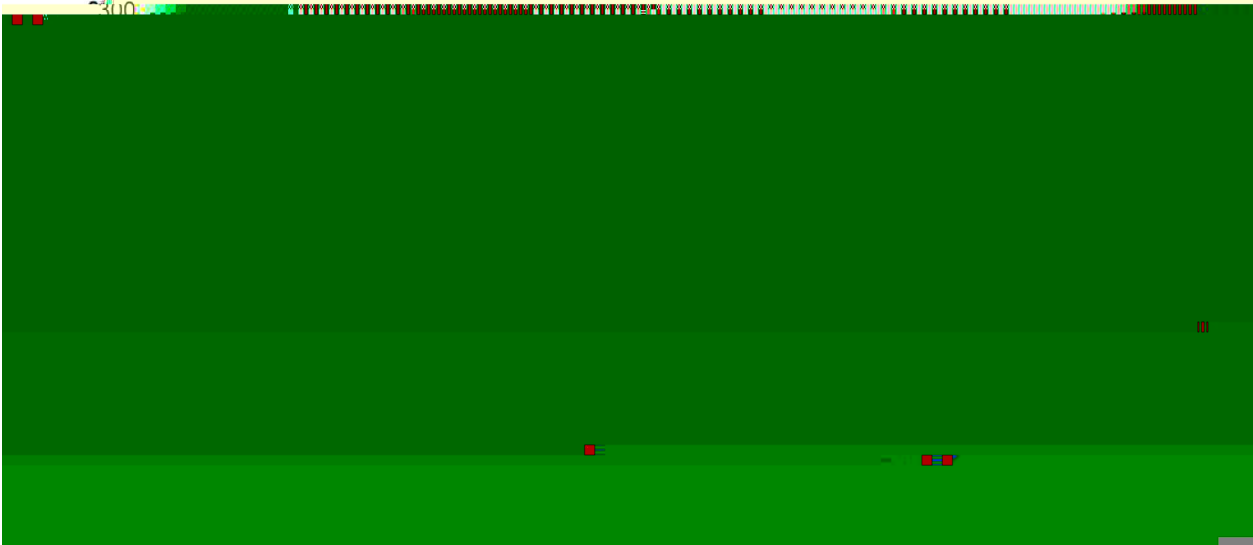


Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	9.8	10.2	C	1.2	1.4
B	6.3	6.7	D	3.56	3.64

/ Marking Instructions



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



/ Resistance to Soldering Heat Test Conditions

/ Packaging SPEC.

	Units/Bag /	Bags/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Bag	Inner Box	Outer Box

	Units/Tube /	Tubes/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Tube	Inner Box	Outer Box

/ Notices