

/ Descriptions

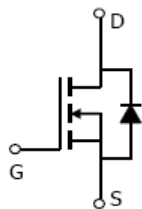
N

/ Features

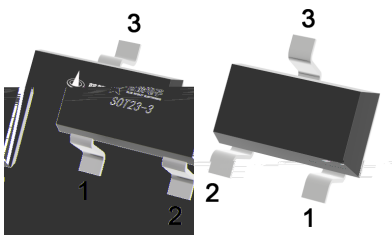
Ω
 Ω

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

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/ Absolute Maximum Ratings(Ta=25)

				℃
	≤	θ		℃
		θ		

/ Electrical Characteristics(Ta=25)

		μ				
						μ
		℃				μ
						μ
		μ				
						Ω
		Ω Ω				

/ Electrical Characteristic Curve

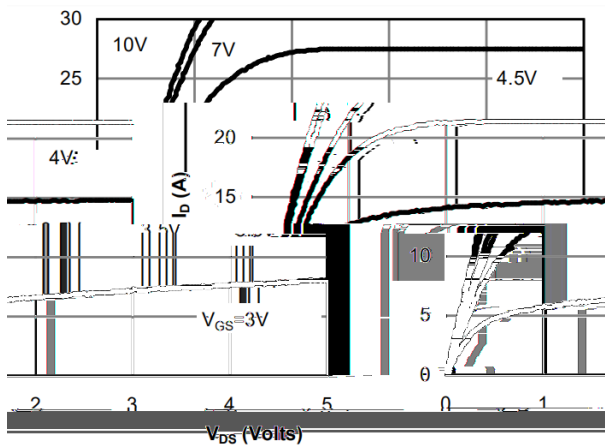


Fig 1: On-Region Characteristics

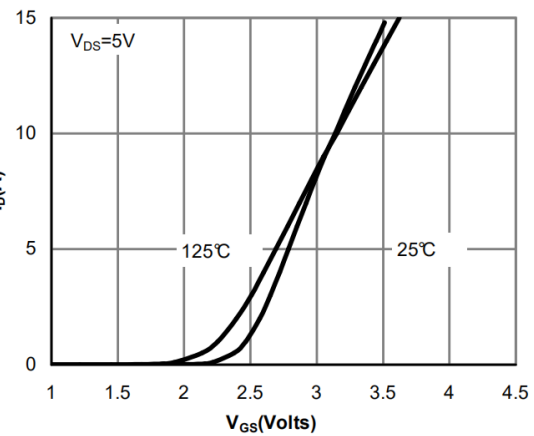


Figure 2: Transfer Characteristics

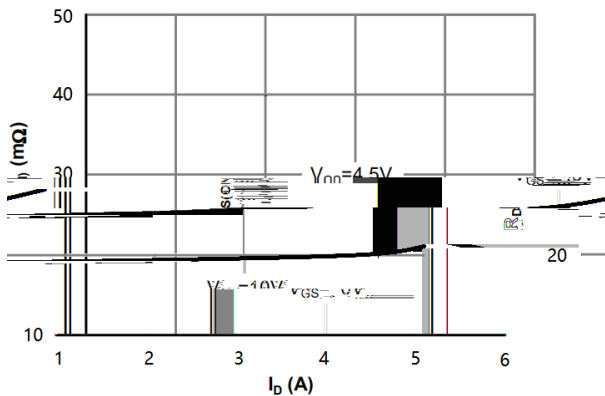


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

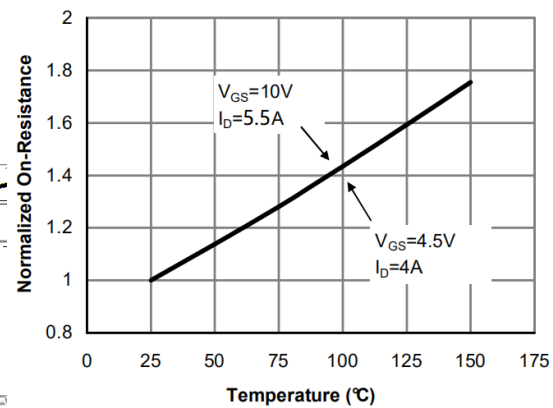


Figure 4: On-Resistance vs. Junction Temperature

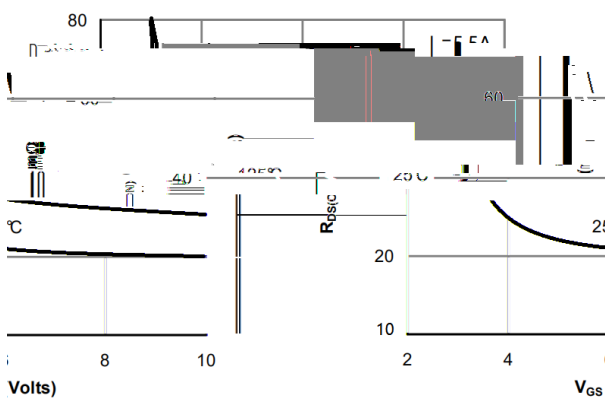


Figure 5: On-Resistance vs. Gate-Source Voltage

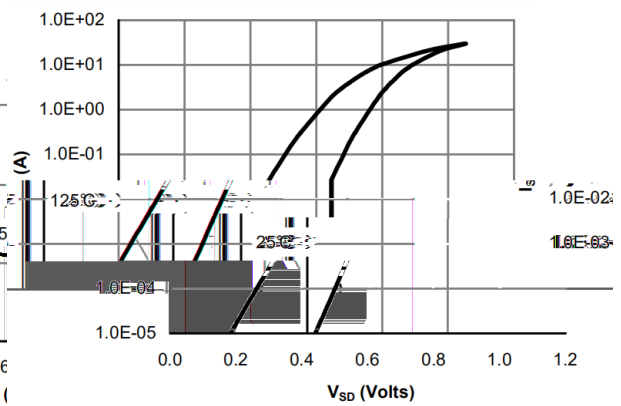


Figure 6: Body Diode Characteristics

/ Electrical Characteristic Curve

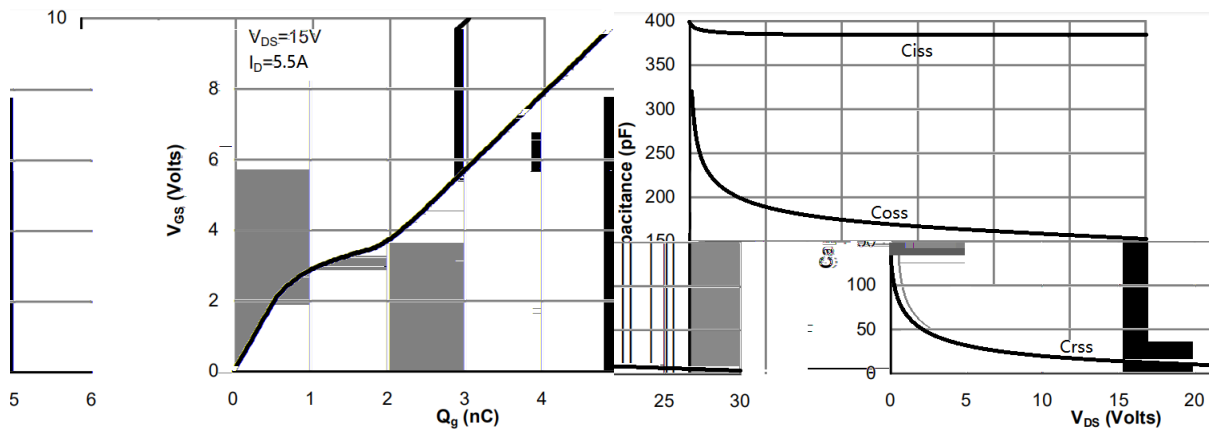


Figure 7: Gate-Charge Characteristics

Figure 8: Capacitance Characteristics

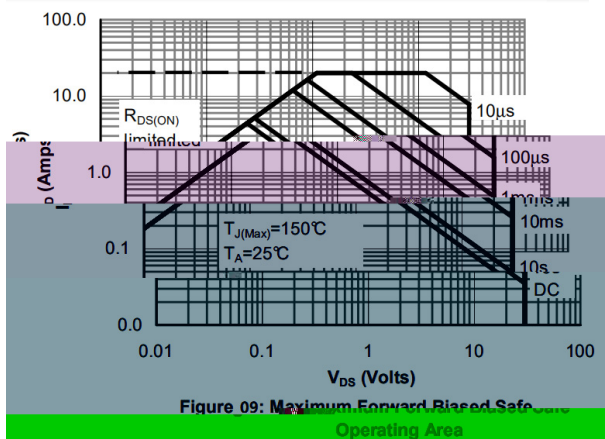


Figure 09: Maximum Forward Biased Safe Operating Area

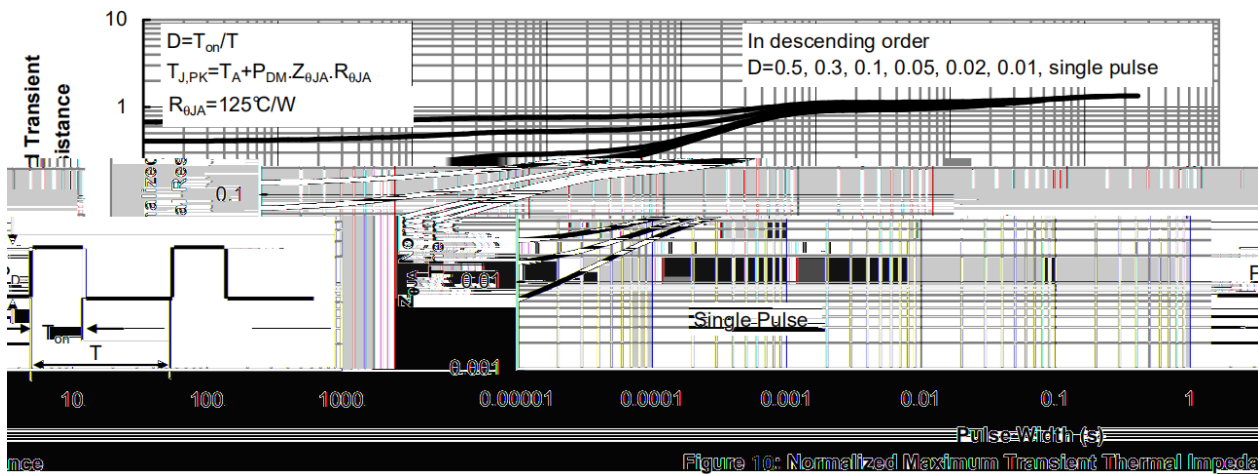
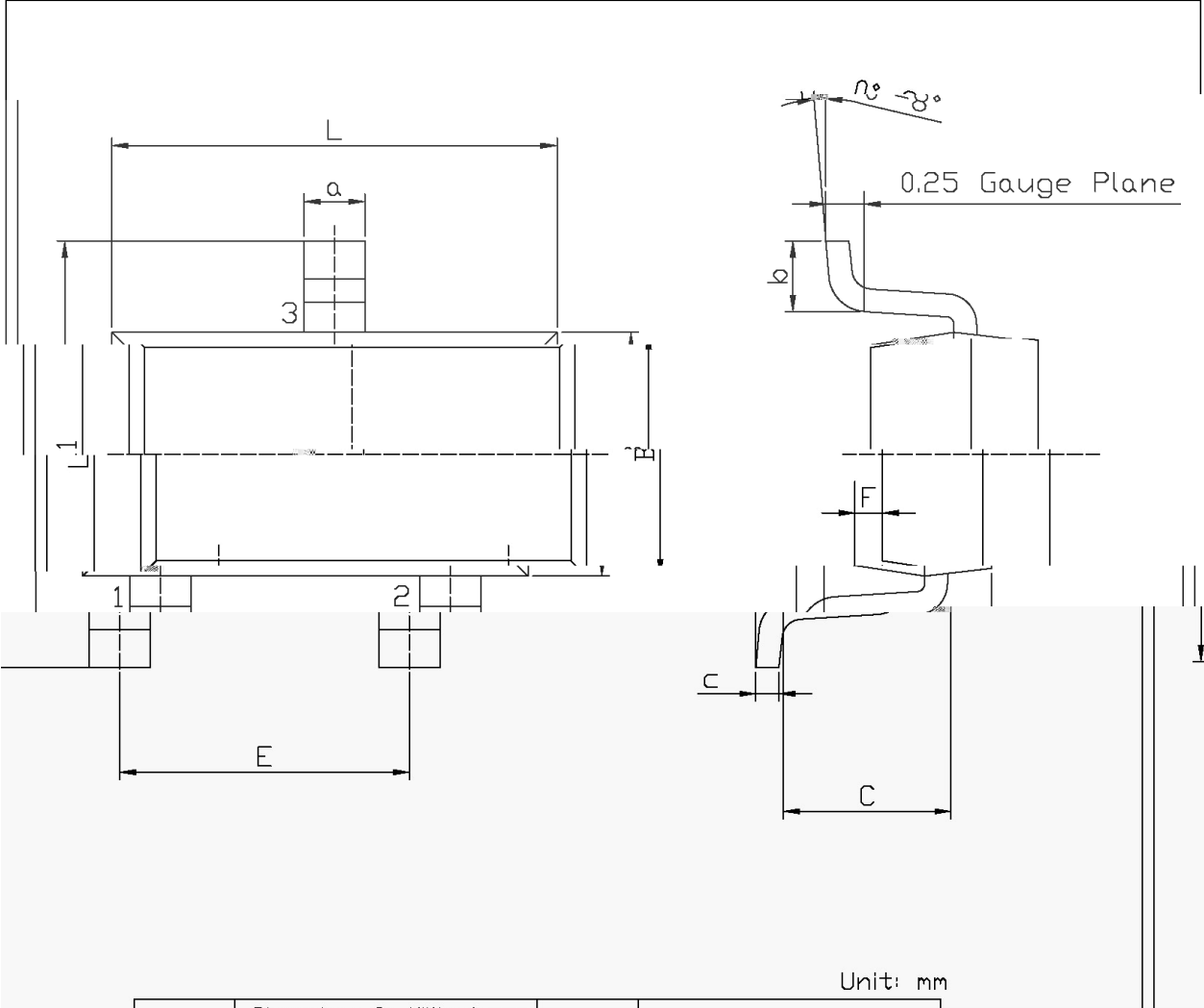


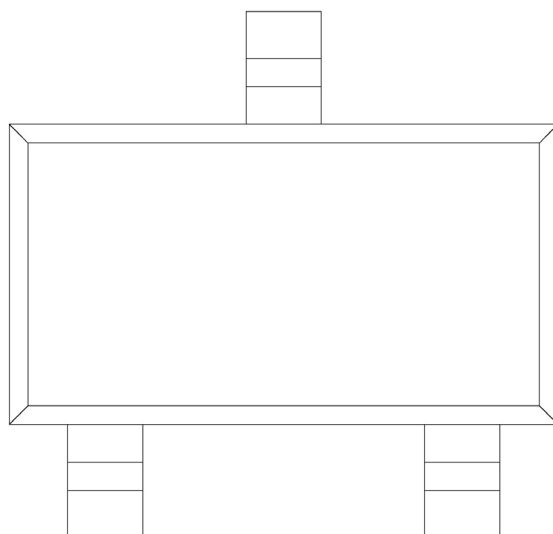
Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



Dimensions in Millimeters		Dimensions in Millimeters	
	3.82	2.03	10.25
			0.50

/ Marking Instructions



B4

Q

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

± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

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