SOT-23 N MOS

N- CHANNEL MOSFET in a SOT-23 Plastic Package.

$R_{DS(ON)}$

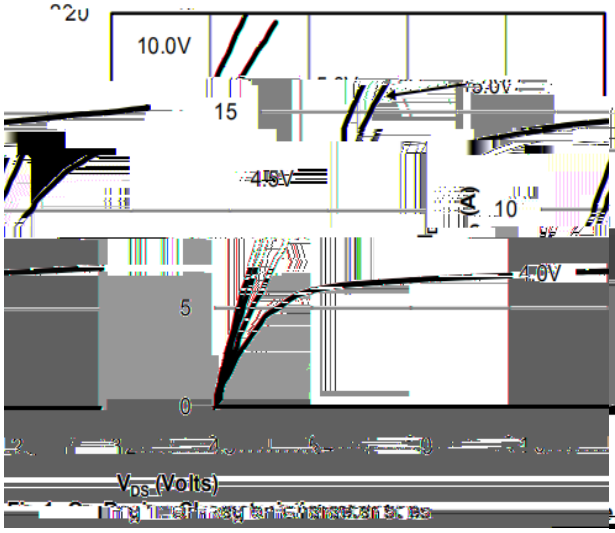
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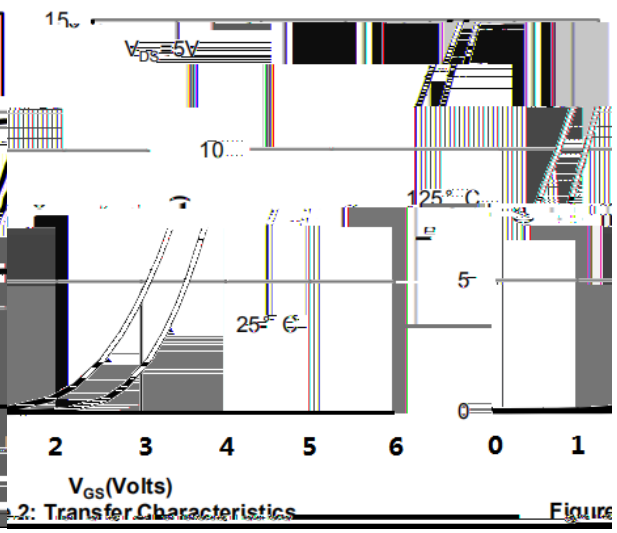
Rev.B Dec.-2024

/ Electrical Characteristics(Ta=25)

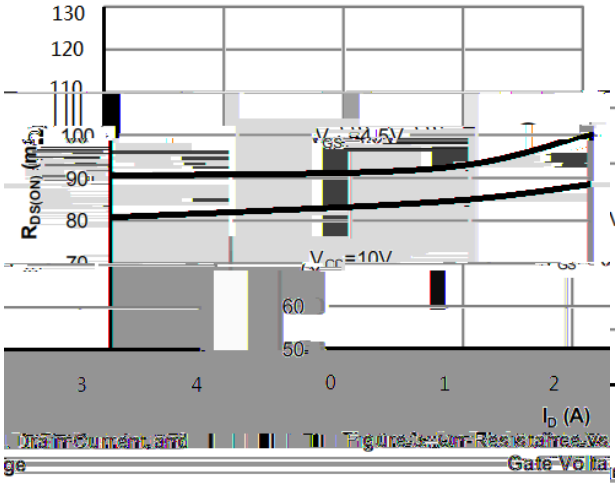
Parameter	Symbol	Test Conditions	Min	Typ	Max	Unit
Turn–On Delay Time	td(on)	VGS=10V, VDS=30V RL=7Ý, RGEN=3Ý		7		ns
Turn–On Rise Time	tr			12		
Turn–Off Delay Time	td(off)			16		
Turn–Off Fall Time	tf			11		

/ Electrical Characteristic Curve

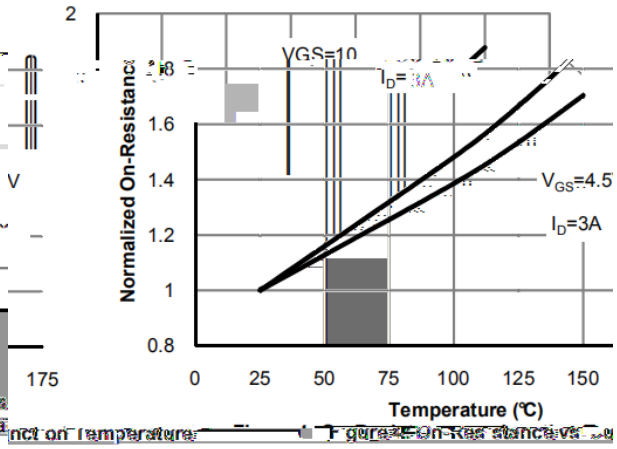




2: Transfer Characteristics Figure



Gate Voltage Figure 3: On-Resistance vs.



nction Temperature Figure 4: On-Resistance vs.

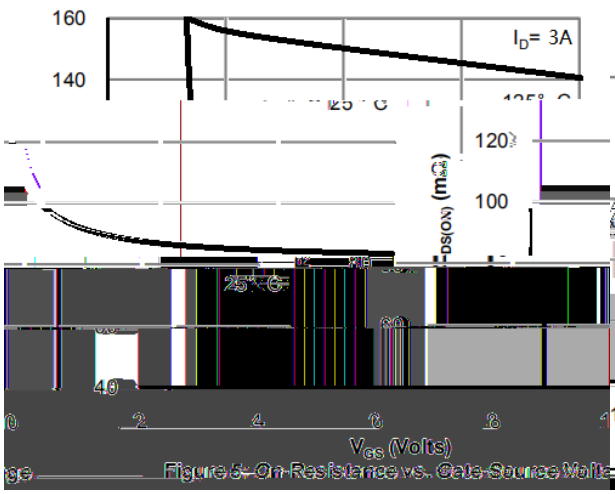


Figure 6: On-Resistance vs. Gate-Source Voltage

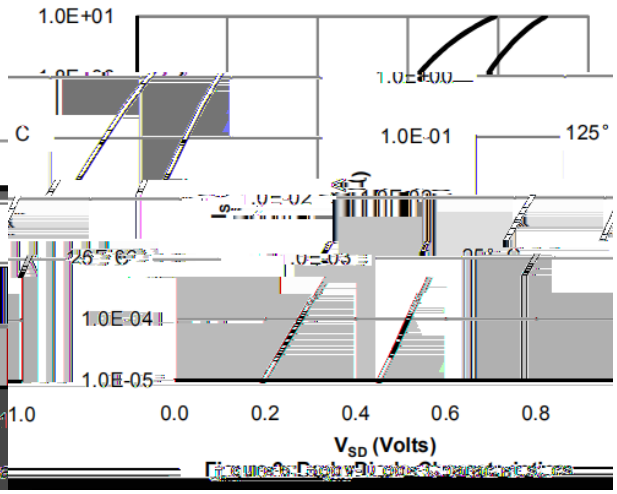


Figure 7: Body Diode Characteristics

/ Electrical Characteristic Curve

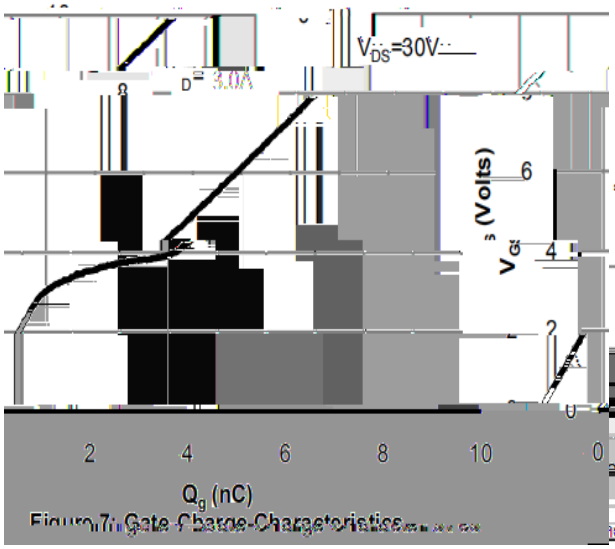


Figure 7: Gate-Charge Characteristics

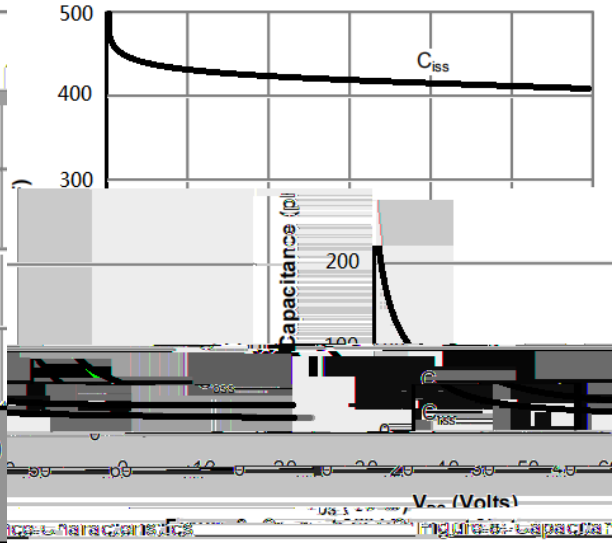


Figure 8: Capacitance Characteristics

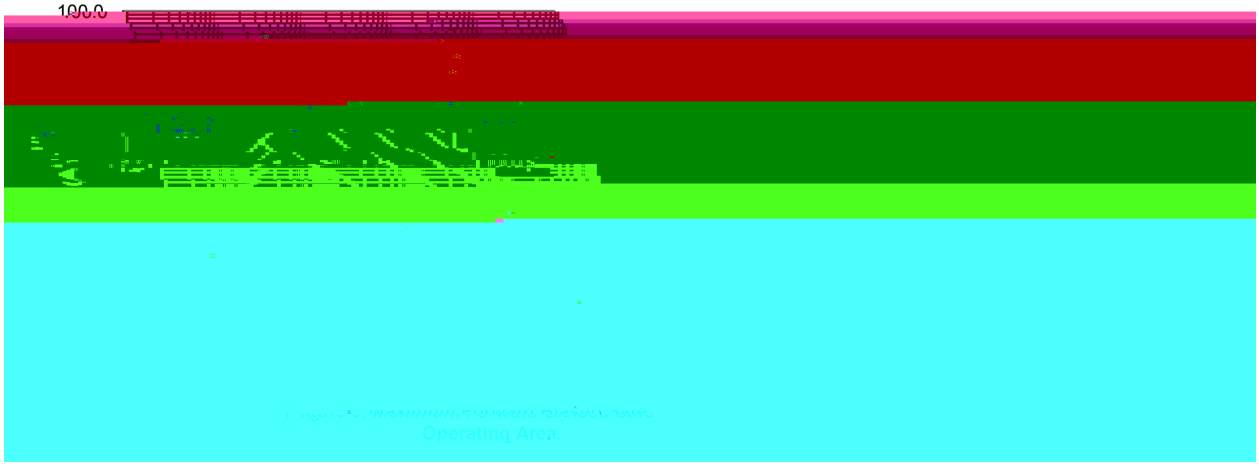
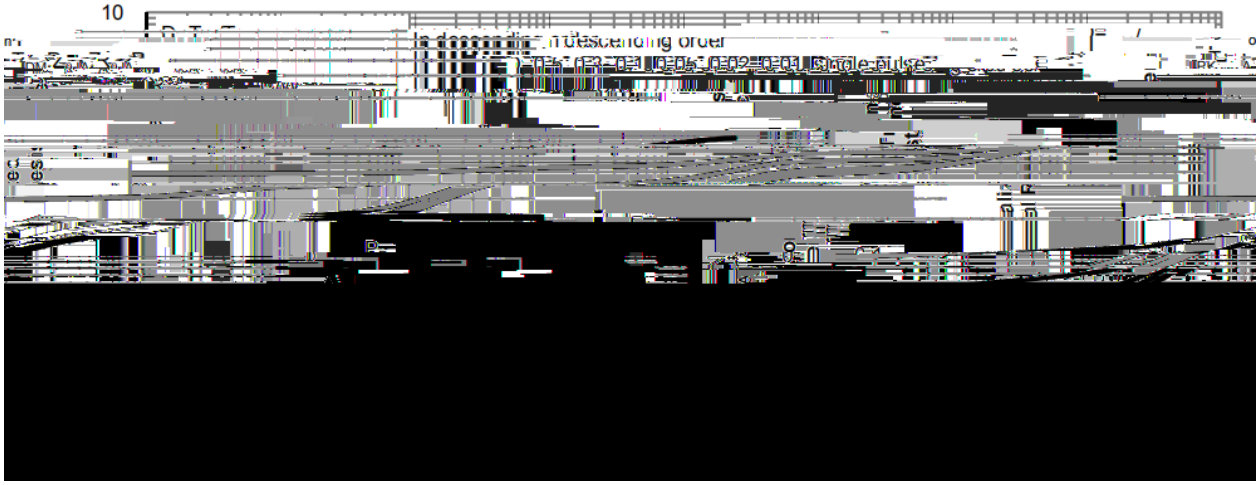
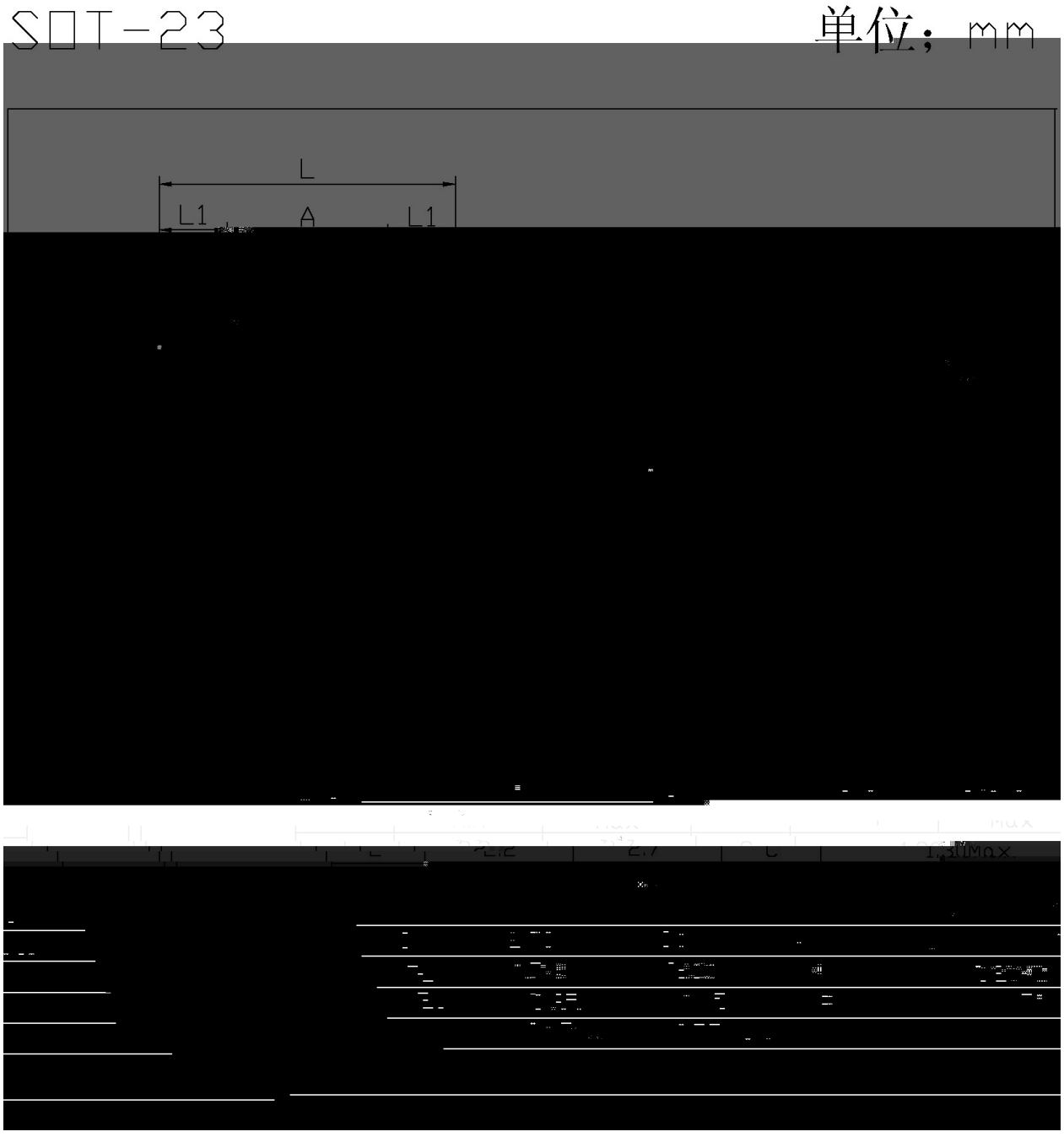


Figure 9: Maximum Forward Biased Safe Operating Area



/ Package Dimensions



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