

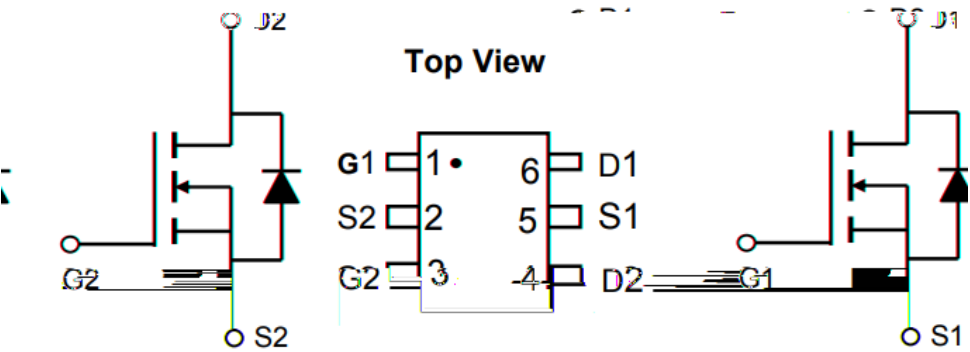
/ Descriptions

VRW5609 Q P R V

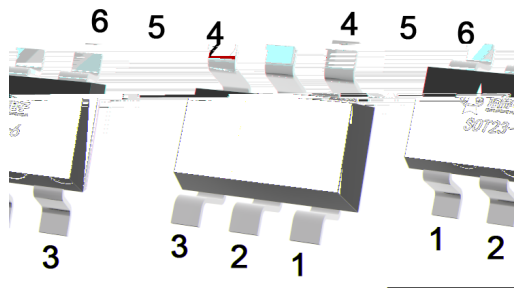
/ Features

/ Applications

/ Equivalent Circuit



/ Pinning



/ Marking

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/ Absolute Maximum Ratings(Ta=25)

	≤	θ		

/ Electrical Characteristics(Ta=25)

/ Electrical Characteristics(Ta=25)

						Ω

/ Electrical Characteristic Curve

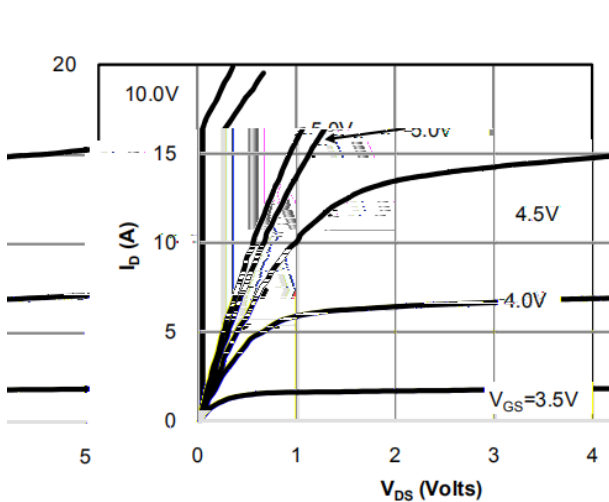


Fig 1: On-Region Characteristics

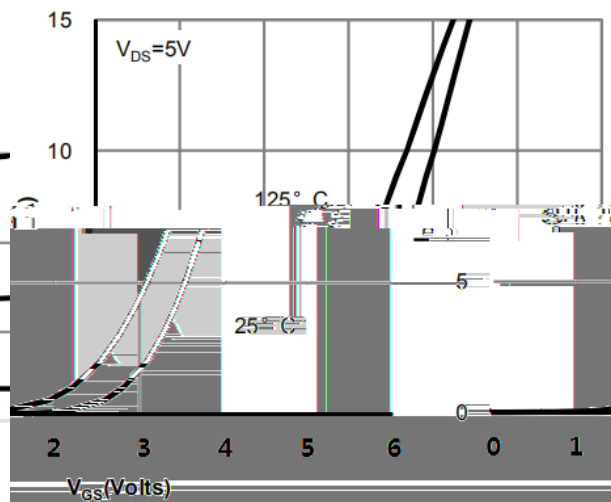


Figure 2: Transfer Characteristics

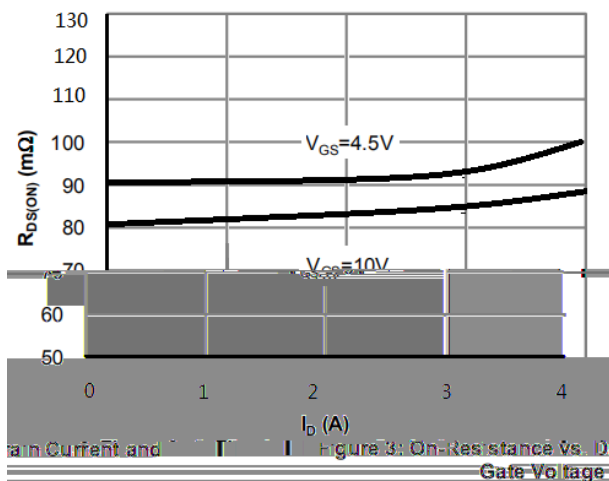


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

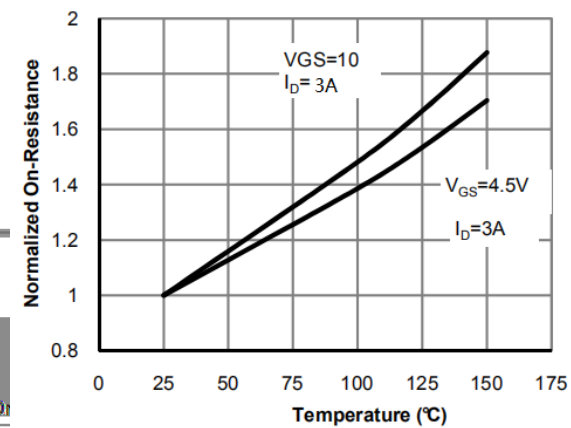


Figure 4: On-Resistance vs. Junction Temperature

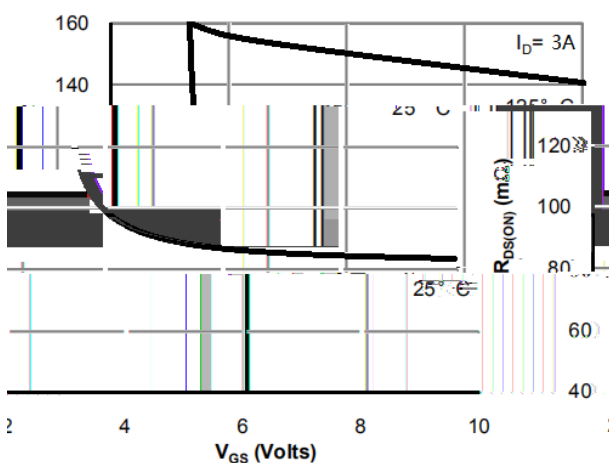


Figure 5: On-Resistance vs. Gate-Source Voltage

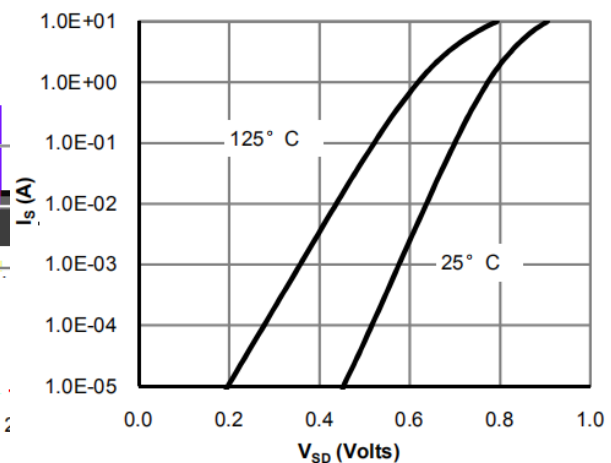


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve

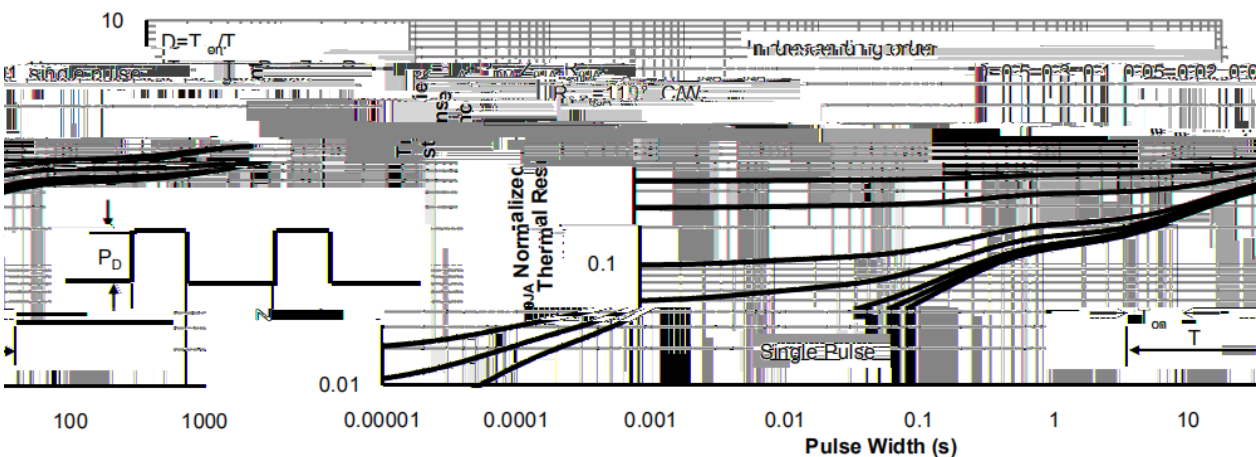
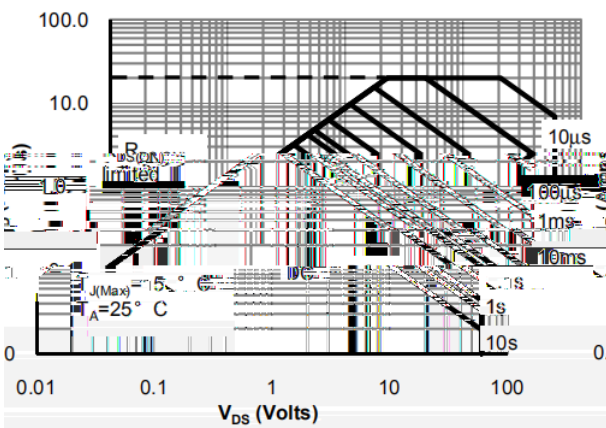
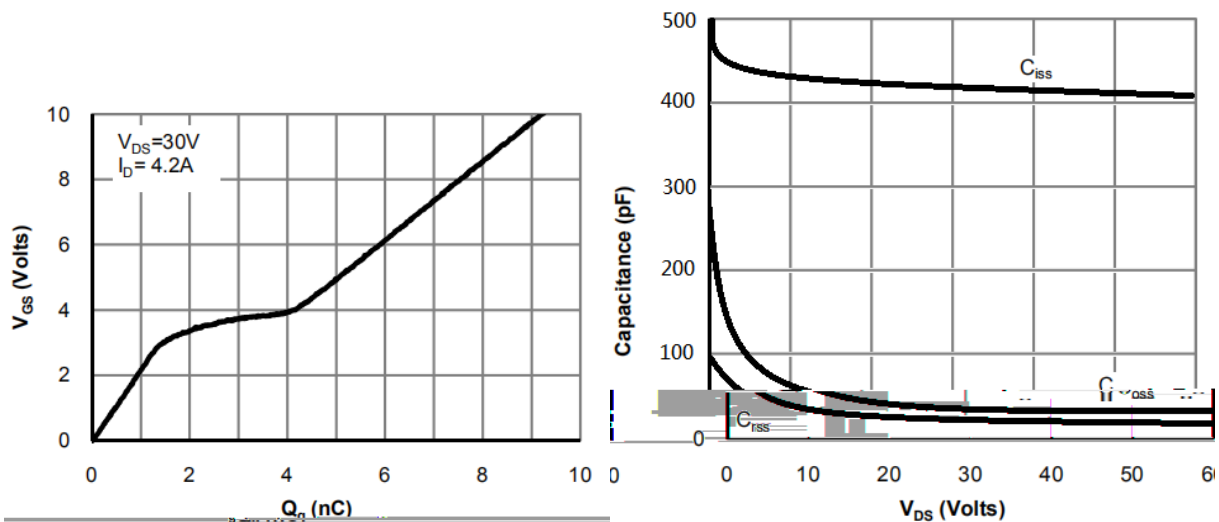


Figure 10 Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



Unit: mm

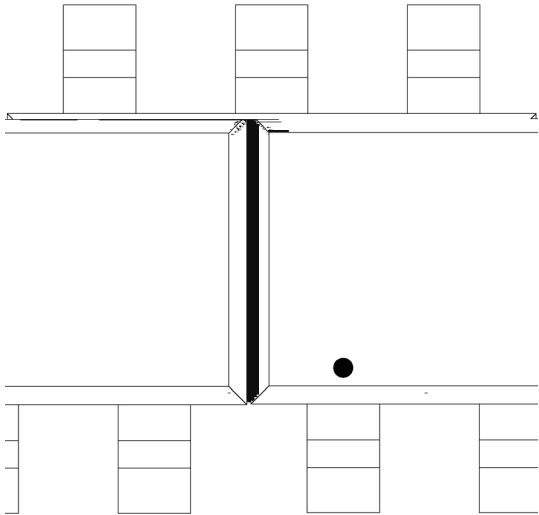
Symbol	Dimensions In Millimeters	
	Min	Max
E1	0.85	1.05
a	0.35	0.50
c	0.10	0.20
b	0.35	0.55
F	0	0.15

Symbol	Dimensions In Millimeter	
	Min	Max
L	2.82	3.32
B	1.50	1.70
C	0.90	1.30
L1	2.60	3.00
E	1.80	2.00

23-6

SOT

/ Marking Instructions



K

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



/ Resistance to Soldering Heat Test Conditions

2 $\frac{3}{8}$ 2

/ Packaging SPEC.