

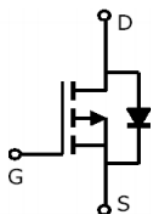
/ Descriptions

/ Features

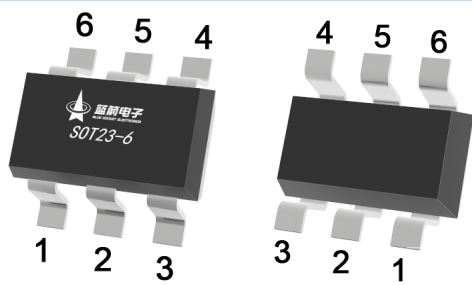
/ Applications

PWM

/ Equivalent Circuit



/ Pinning



/ Marking

--	--

/ Absolute Maximum Ratings(Ta=25)

				°C

/ Electrical Characteristics(Ta=25)

			μ			
			μ			
						Ω
						Ω
						μ
			°C			
			Ω	Ω		

/ Electrical Characteristic Curve

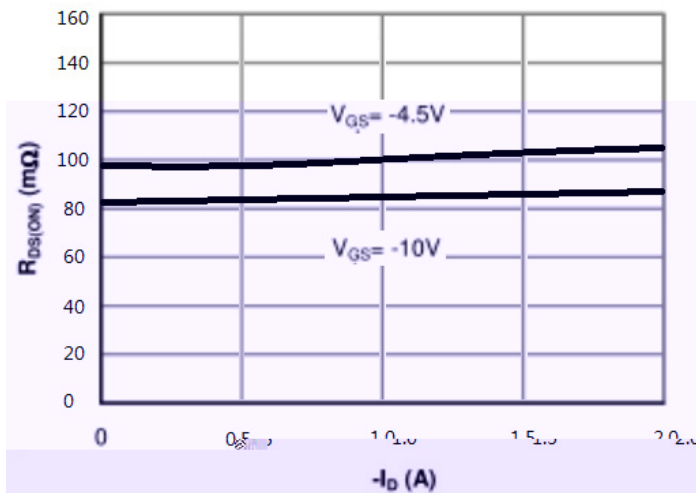
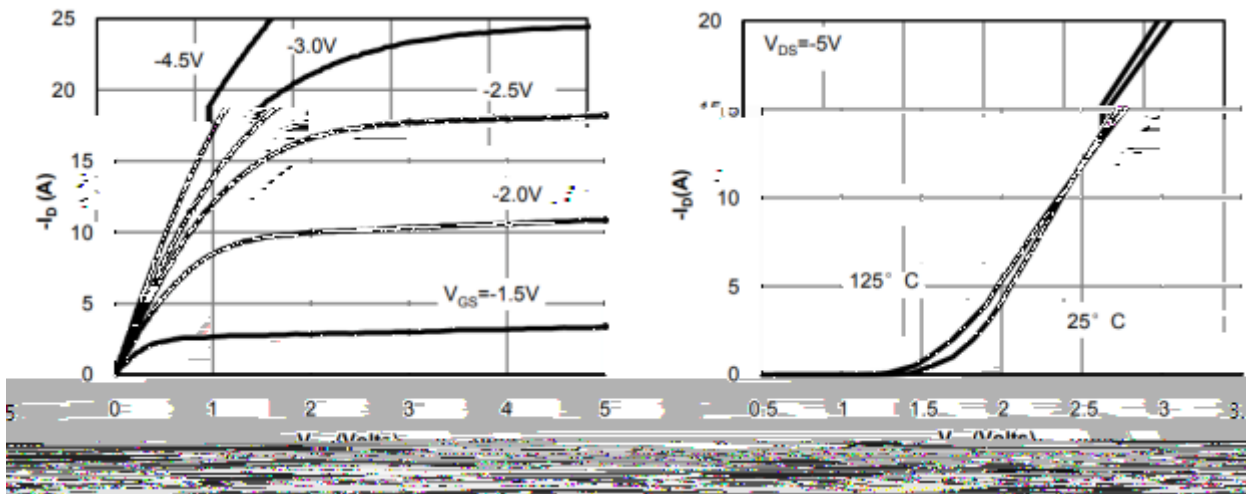


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

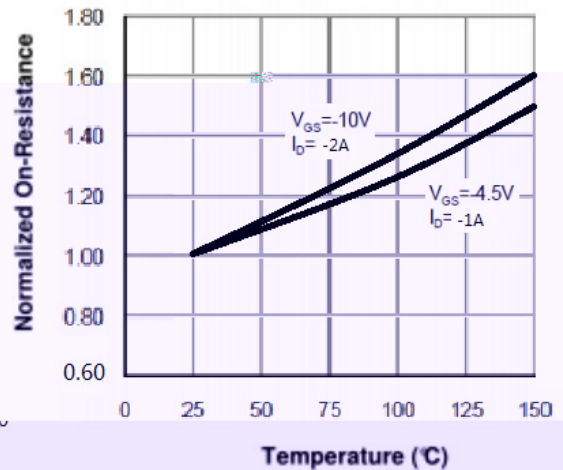
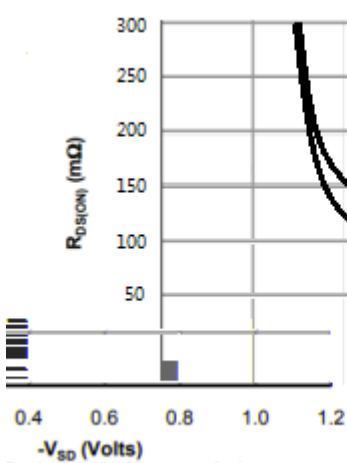


Figure 4: On-Resistance vs. Junction Temperature



Body-Diode Characteristics

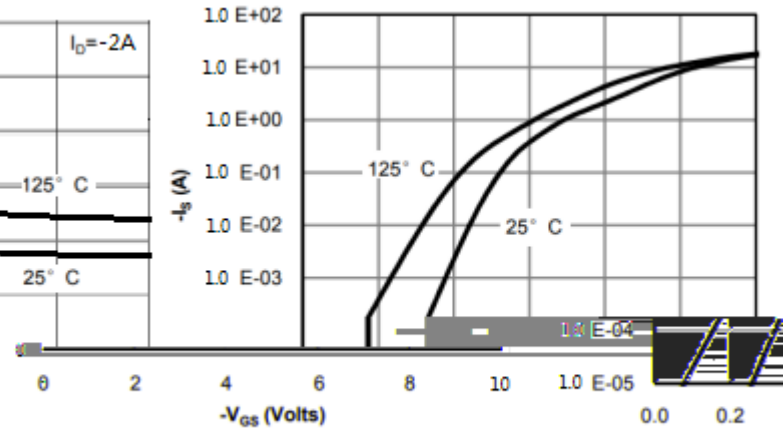


Figure 5: On-Resistance vs. Gate-Source Voltage

Figure 6: I

/ Electrical Characteristic Curve

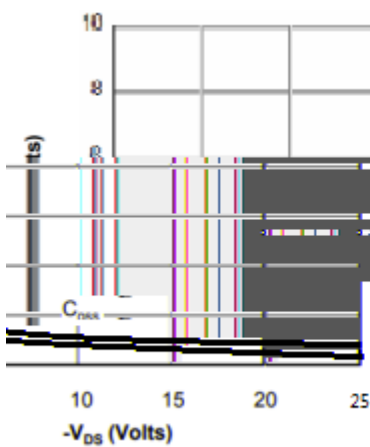


Figure 6: Capacitance Characteristics

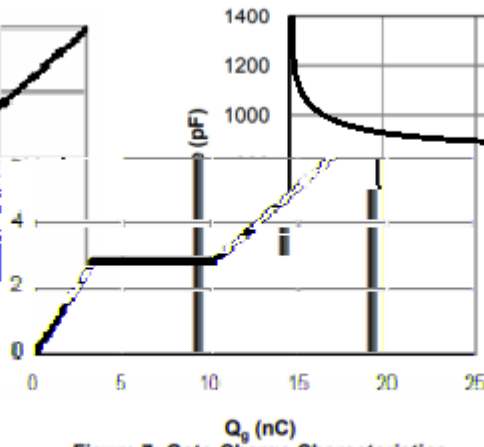


Figure 7: Gate-Charge Characteristics

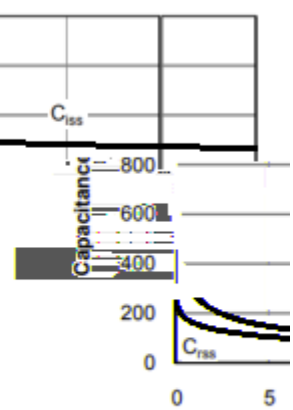


Figure 8: Capacitance Characteristics

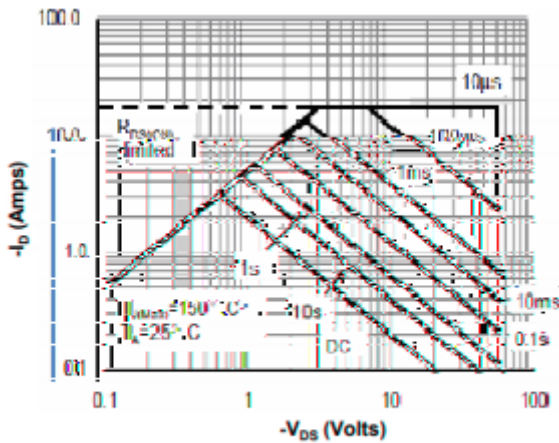


Figure 9: Maximum Forward Biased Safe Operating Area

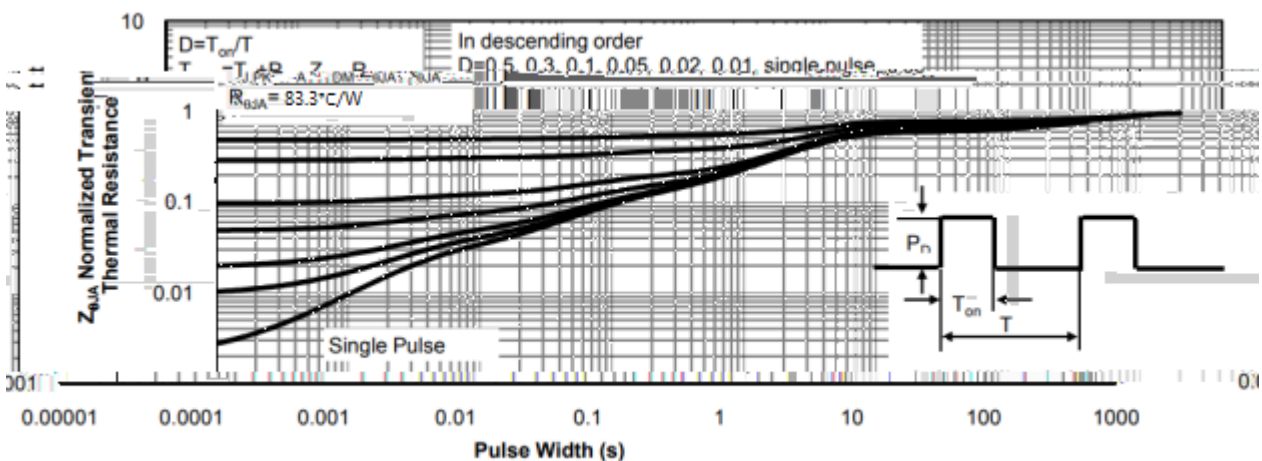
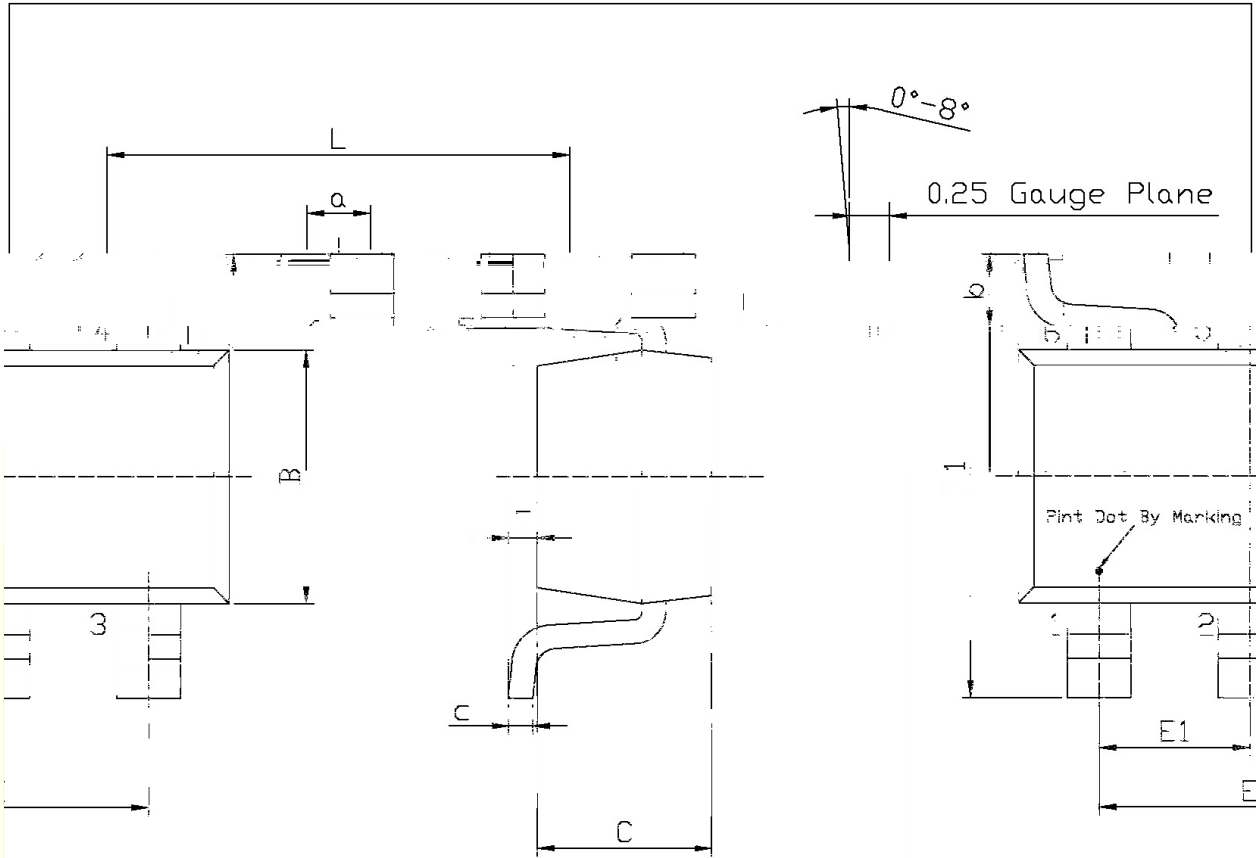


Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions



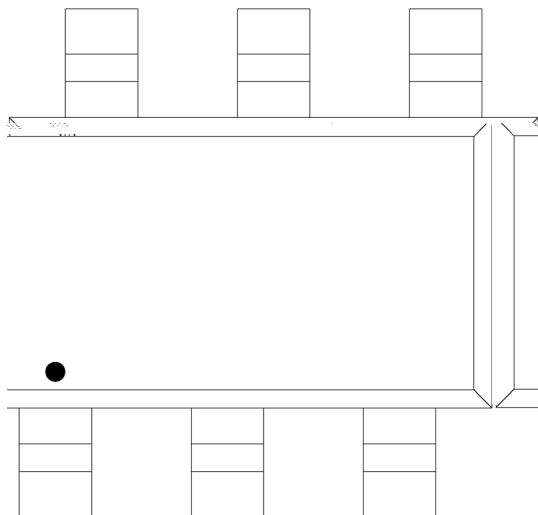
Unit: mm

Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
Min	Max		Min	Max
2.82	3.02	E1	0.85	1.05
1.50	1.70	a	0.35	0.50
0.90	1.30	c	0.10	0.20
2.60	3.00	b	0.35	0.55
1.80	2.00	F	0	0.15

Symbol	DI
L	
B	
C	
L1	
E	

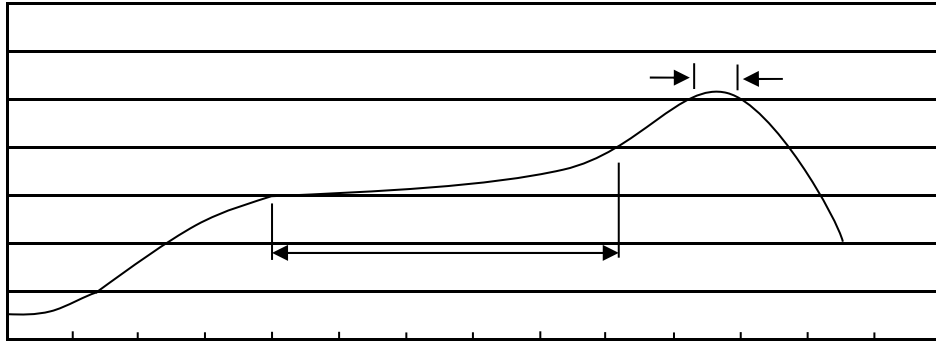
SOT23-6

/ Marking Instructions



Q

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



± ± ± ±

/ Resistance to Soldering Heat Test Conditions

± ± ± ±

/ Packaging SPEC.

	Units/Reel /	Reels/Inner Box /	Units/Inner Box /	Inner Boxes/Outer Box /	Units/Outer Box /	Reel	Inner Box	Outer Box

/ Notices