

BRCS4614YAQ

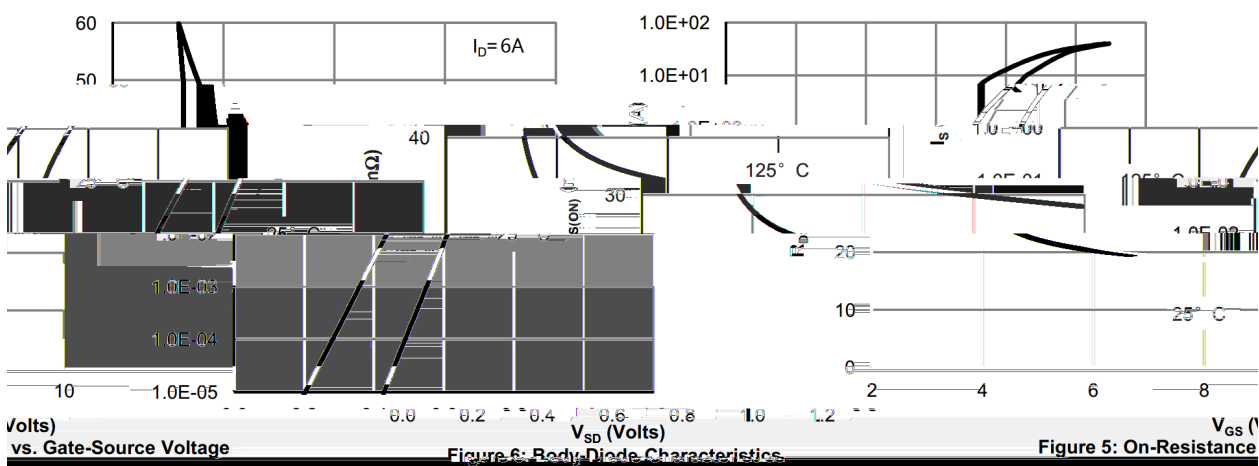
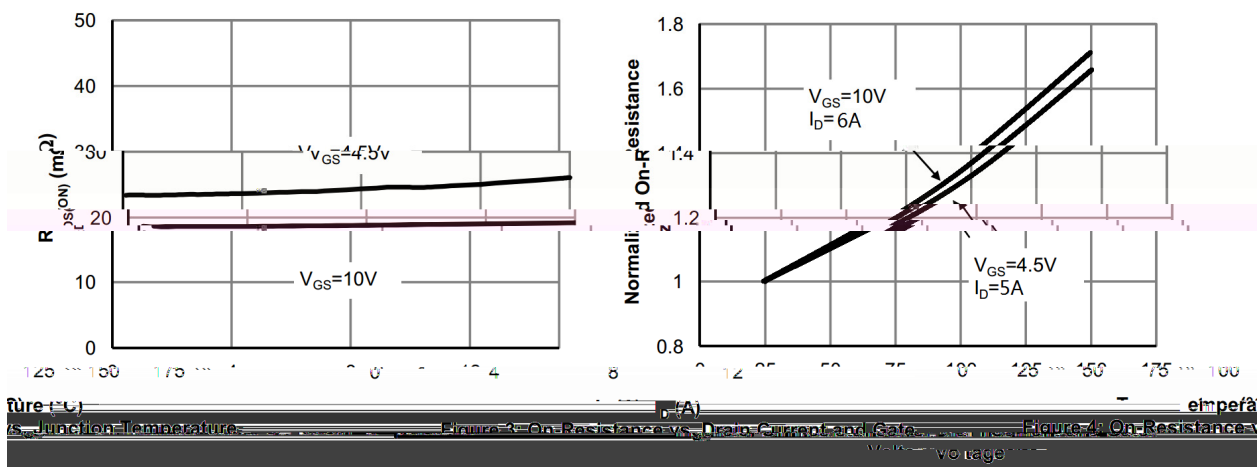
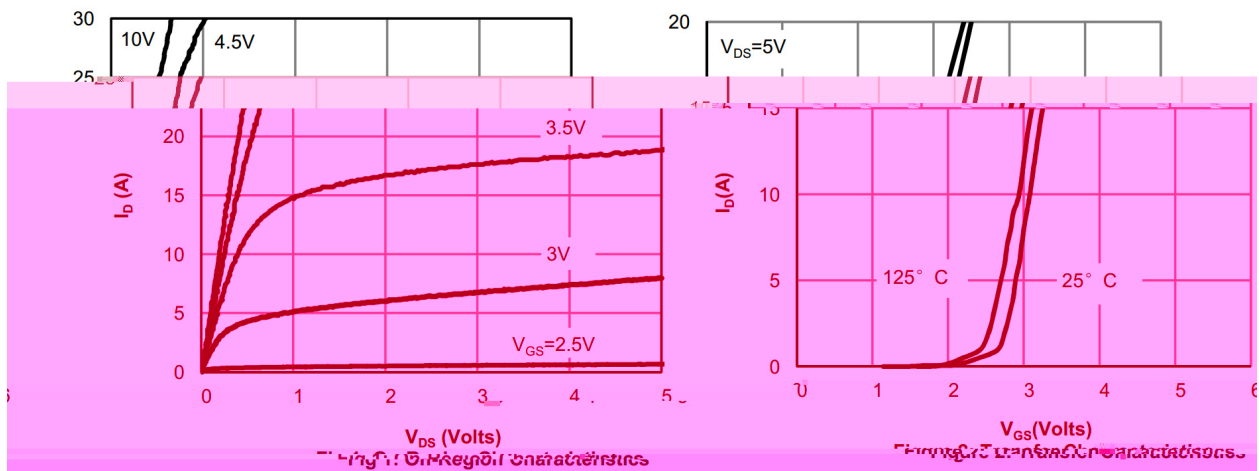
℃

|

N- /N-CHANNEL Electrical Characteristics(Ta=25)

		μ				
						μ
					±	
		μ				
						Ω
						Ω
						Ω
		Ω	Ω			

N- / N-CHANNEL Electrical Characteristic Curve



N-CHANNEL Electrical Characteristic Curve

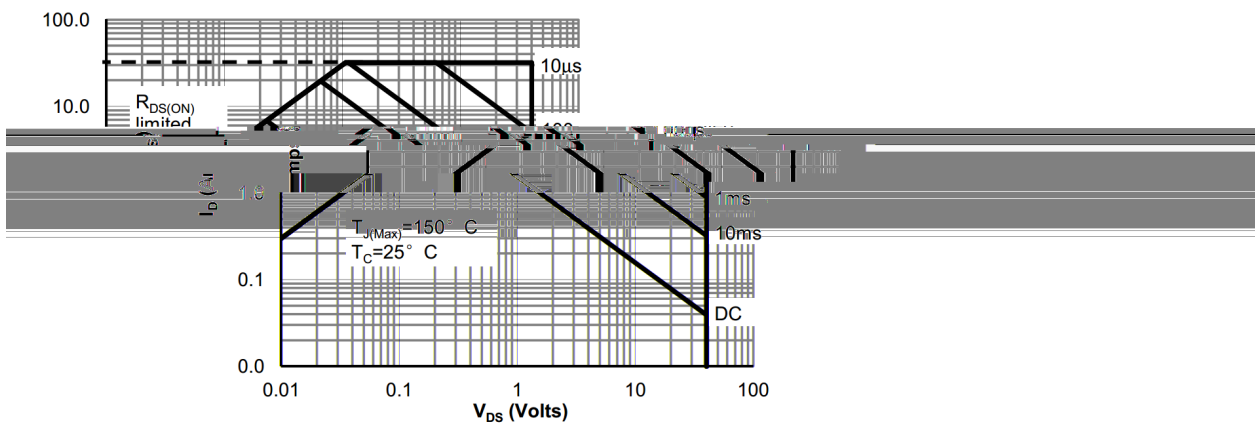
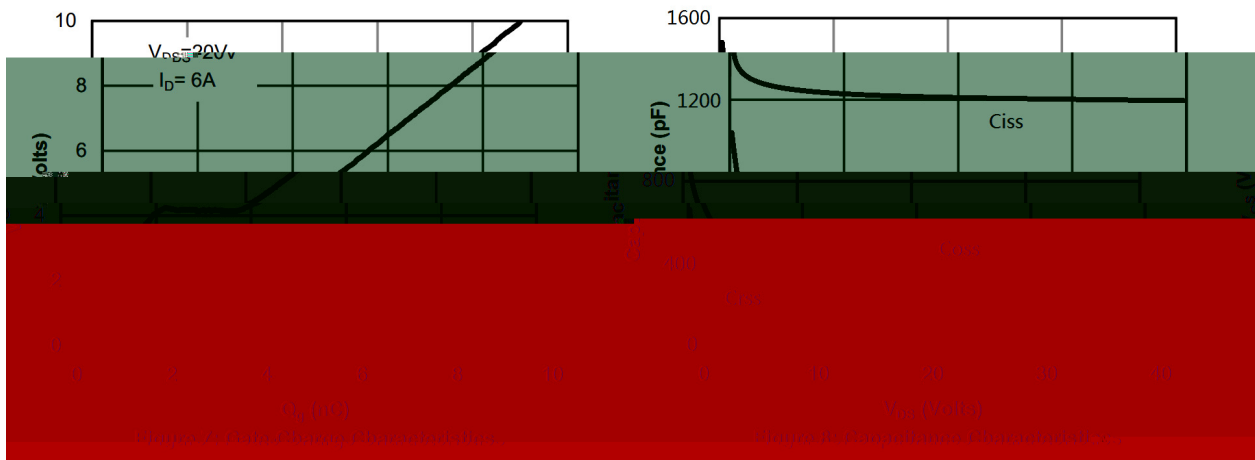


Figure 9: Maximum Forward Biased Safe Operating Area

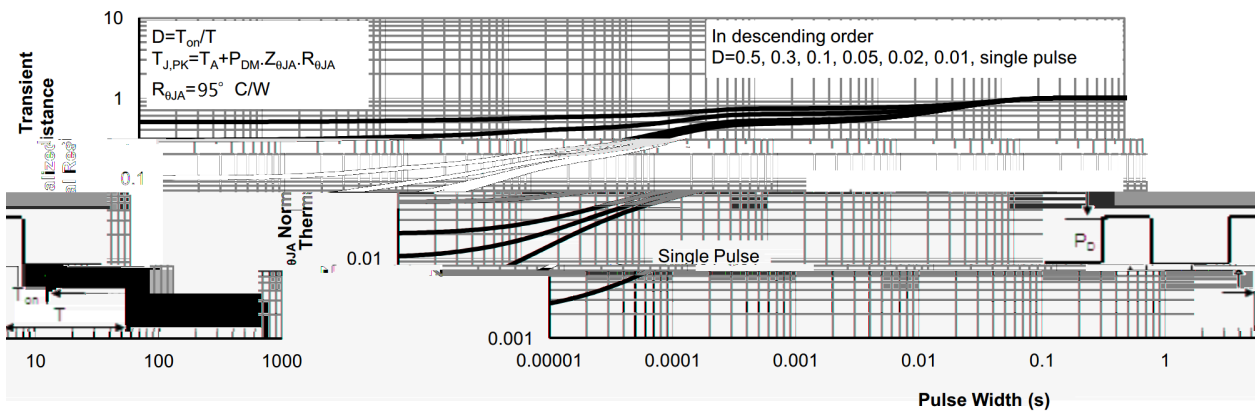


Figure 10: Normalized Maximum Transient Thermal Impedance

P- /P-CHANNEL Electrical Characteristics(Ta=25℃)

		μ				
						μ
					±	
		μ				
						Ω
						Ω
						Ω
		Ω	Ω			

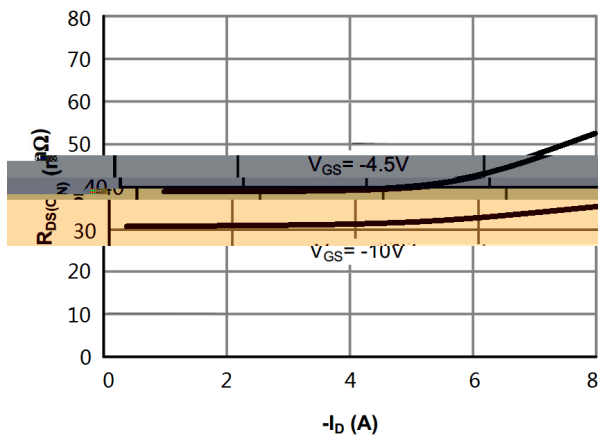
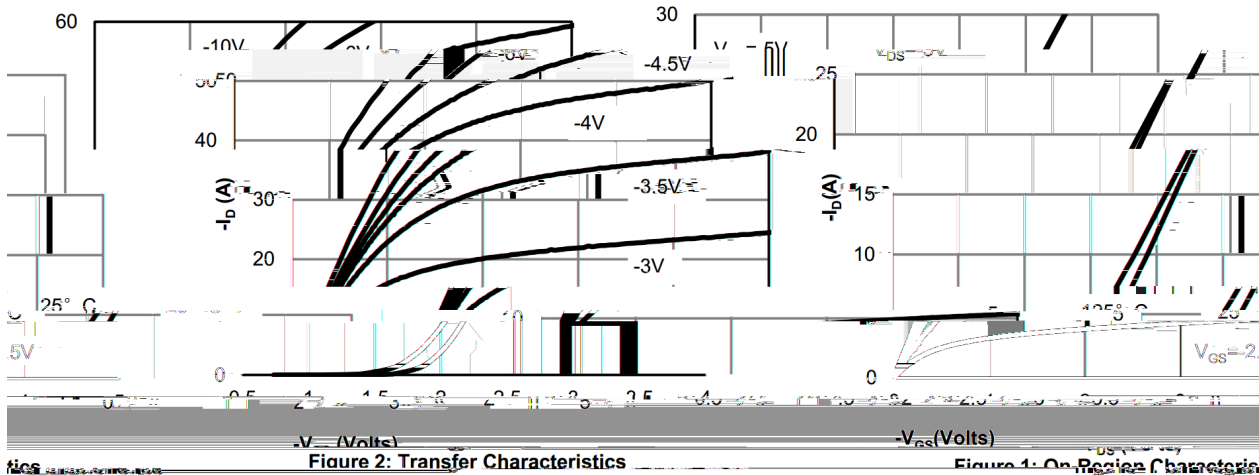
P- / P-CHANNEL Electrical Characteristic Curve


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

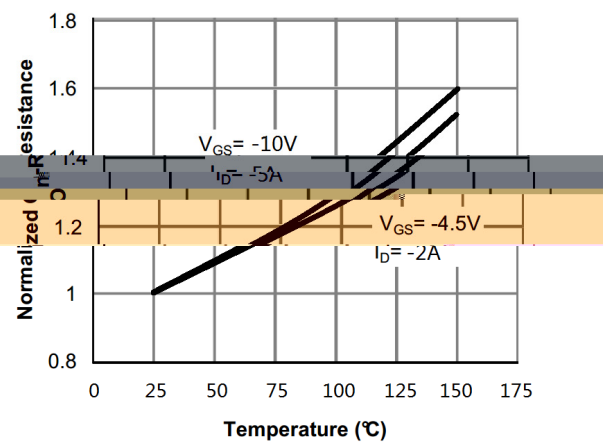


Figure 4: On-Resistance vs. Junction Temperature

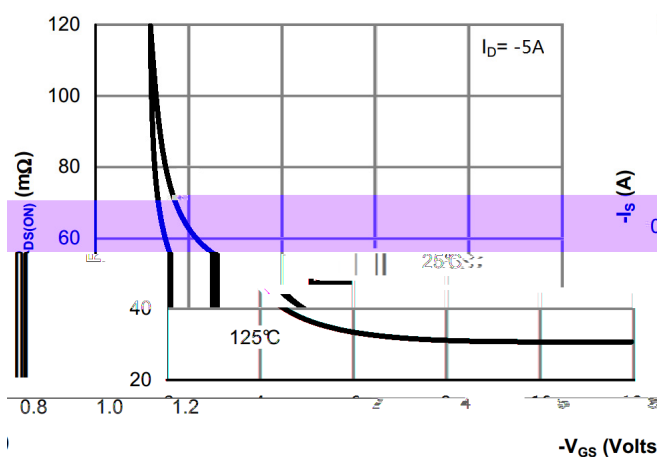


Figure 5: On-Resistance vs. Gate-Source Voltage

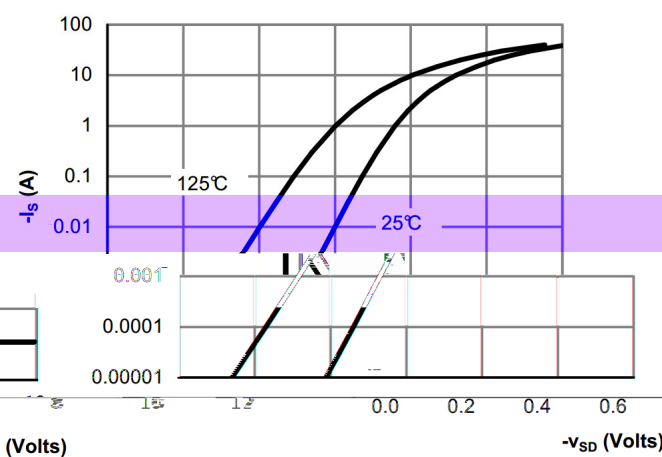


Figure 6: Body-Diode Characteristics

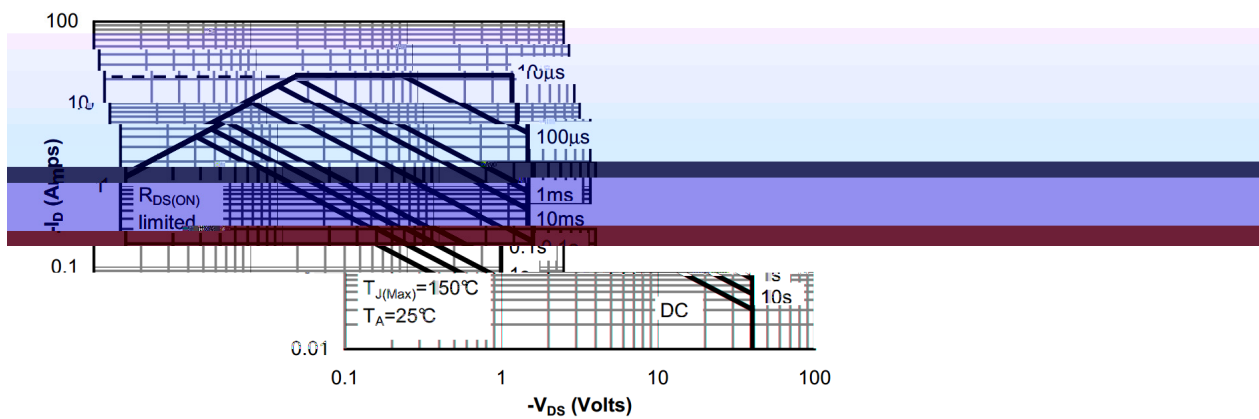
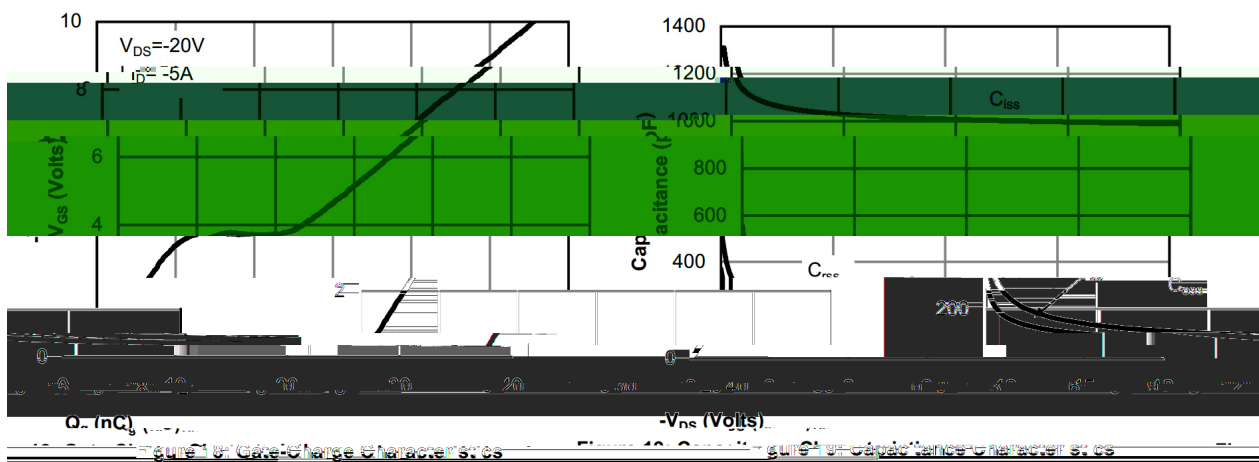
P- / P-CHANNEL Electrical Characteristic Curve


Figure 20: Maximum Forward Biased Safe Operating Area

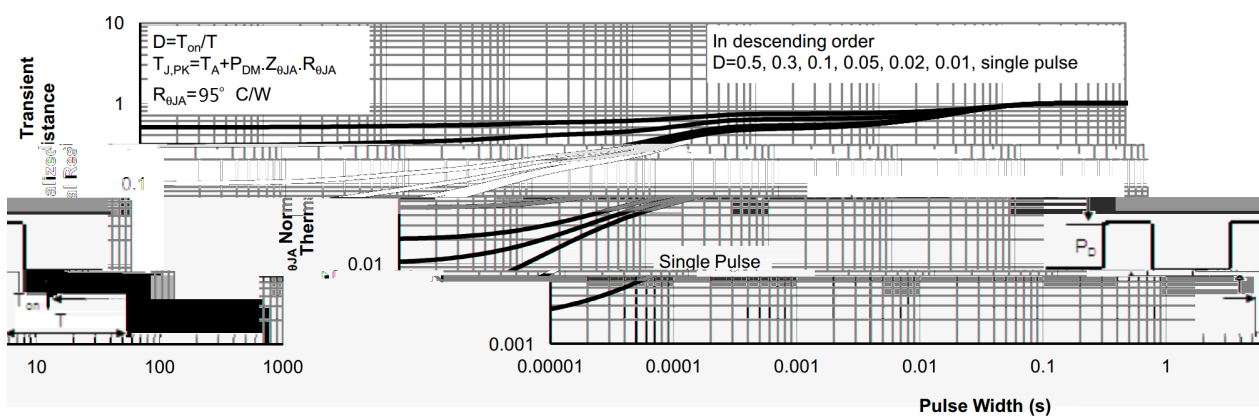
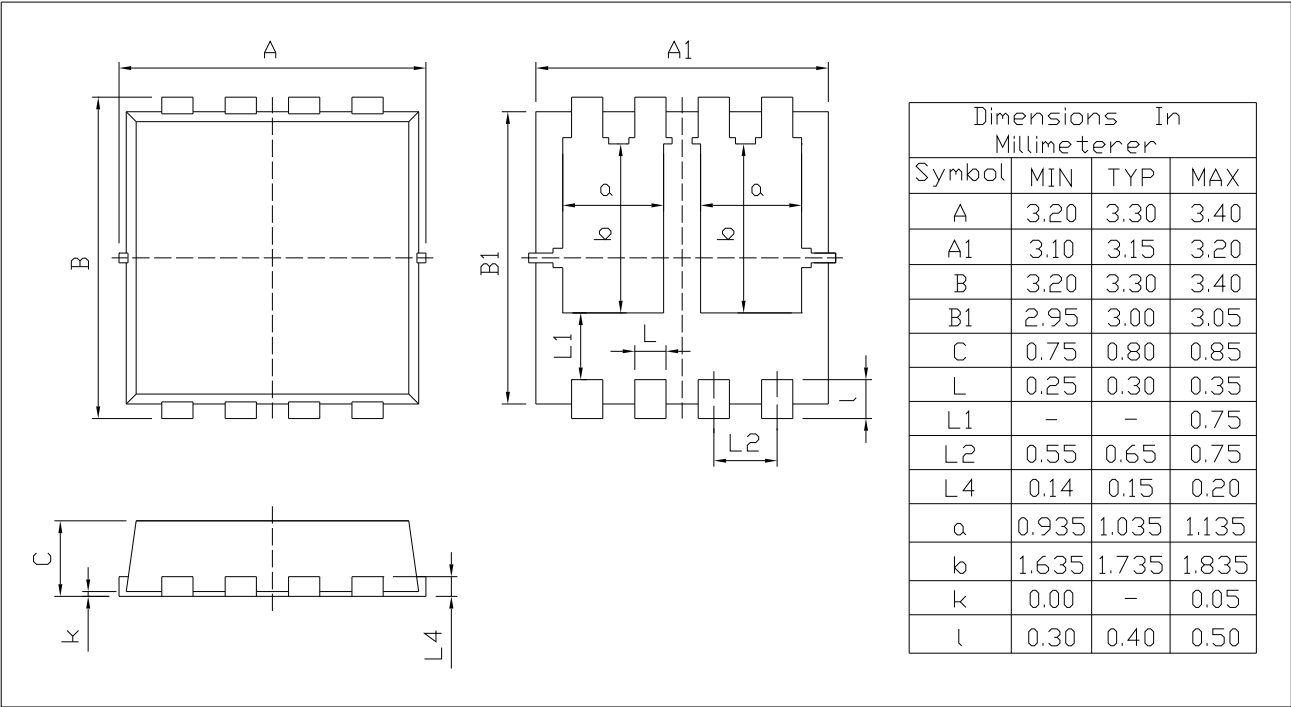


Figure 10: Normalized Maximum Transient Thermal Impedance

I Package Dimensions

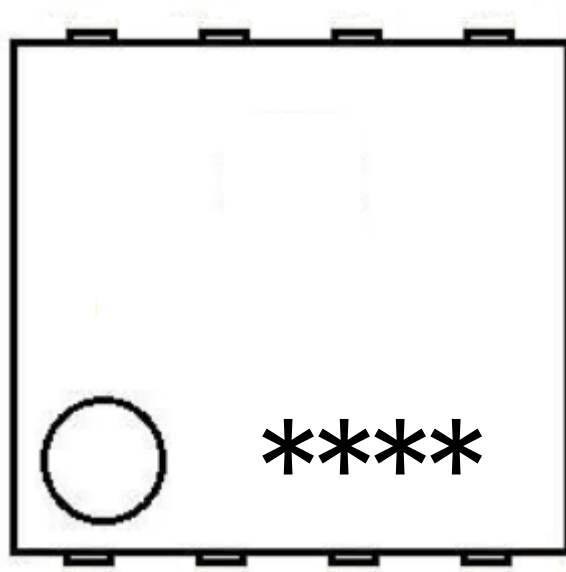
PDFN3X3-8L

Unit:mm

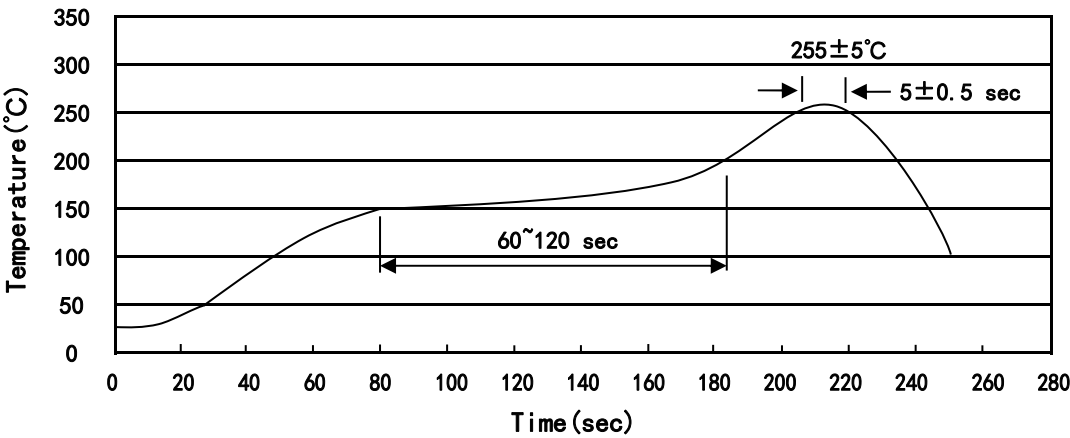


Rev.00 202011

/ Marking Instructions



() / 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