

BRCS120N03YAQ



DATA SHEET

PDFN3×3-8L N MOS

Double N-CHANNEL MOSFET in a PDFN3×3-8L Plastic Package.

AEC-Q101

Intended for use in general purpose switching and phase control applica

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/ Absolute Maximum Ratings(Ta=25)

		θ		
		θ		

/ Electrical Characteristics(Ta=25)

		μ				
						μ
						μ
		μ				
						Ω
						Ω
						Ω
		Ω Ω				

/ Electrical Characteristic Curve

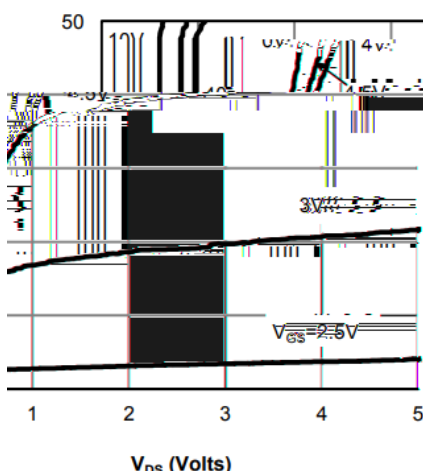


Figure 1: On-Region Characteristics

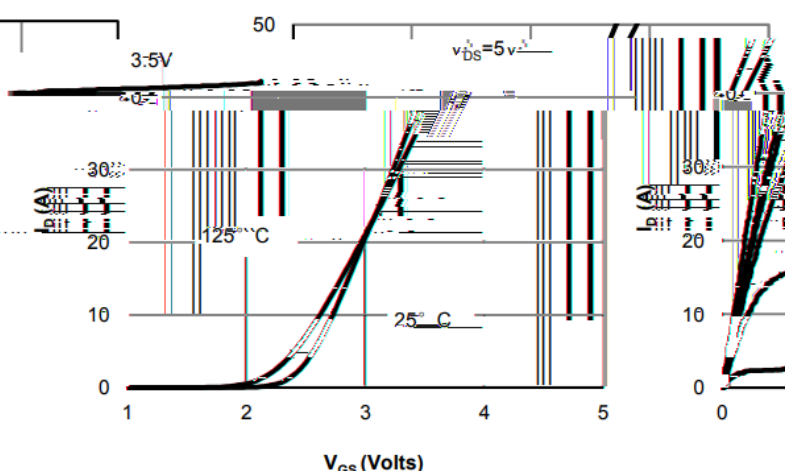


Figure 2: Transfer Characteristics

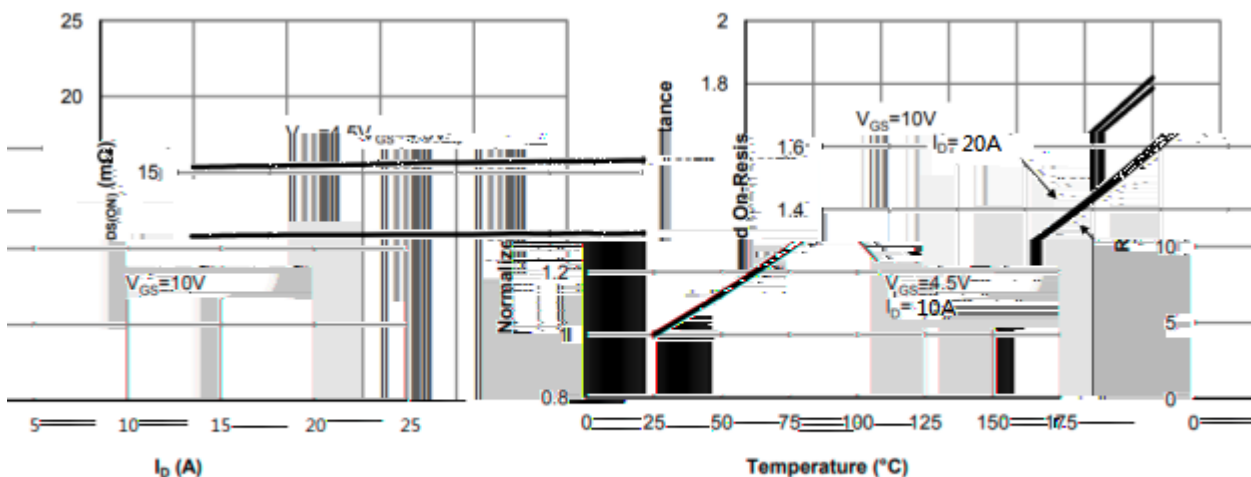


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

Figure 4: On-Resistance vs. Junction Temperature

Figure 5

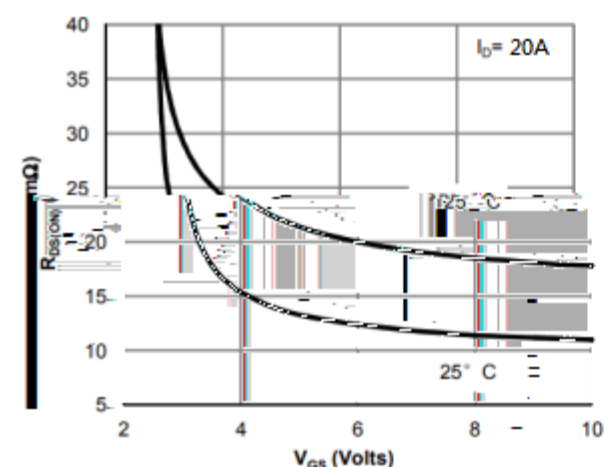


Figure 5: On-Resistance vs. Gate-Source Voltage

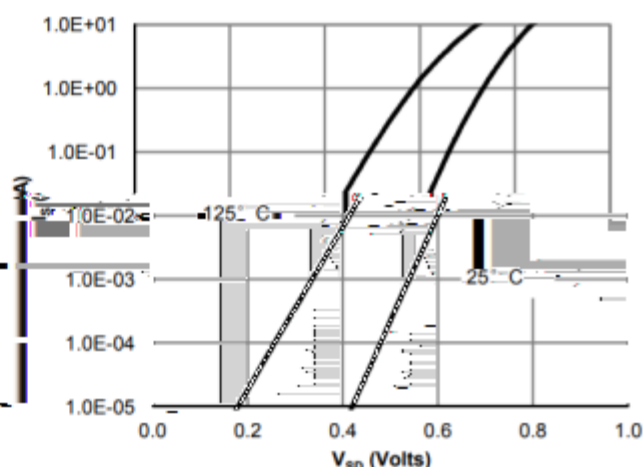


Figure 6: Body Diode Characteristics

/ Electrical Characteristic Curve

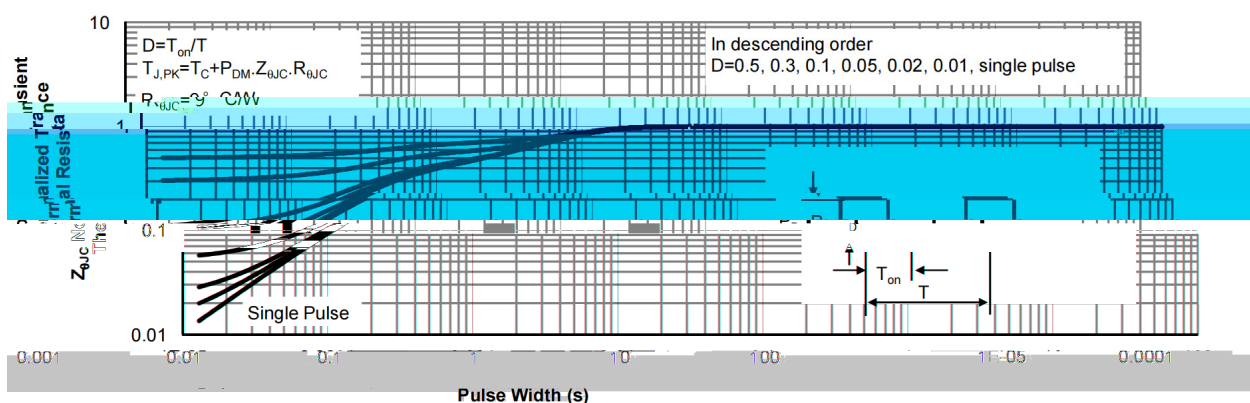
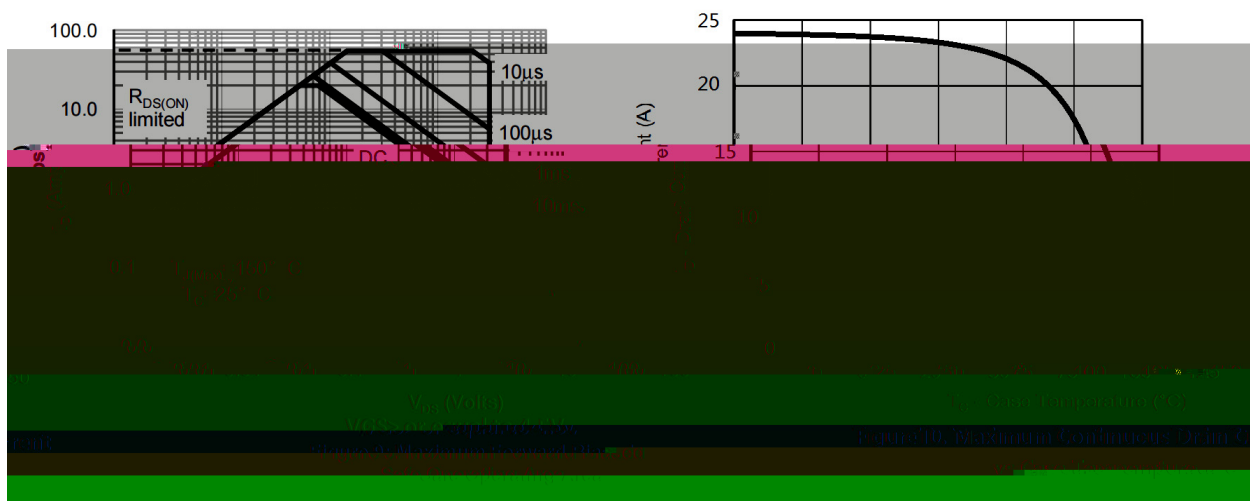
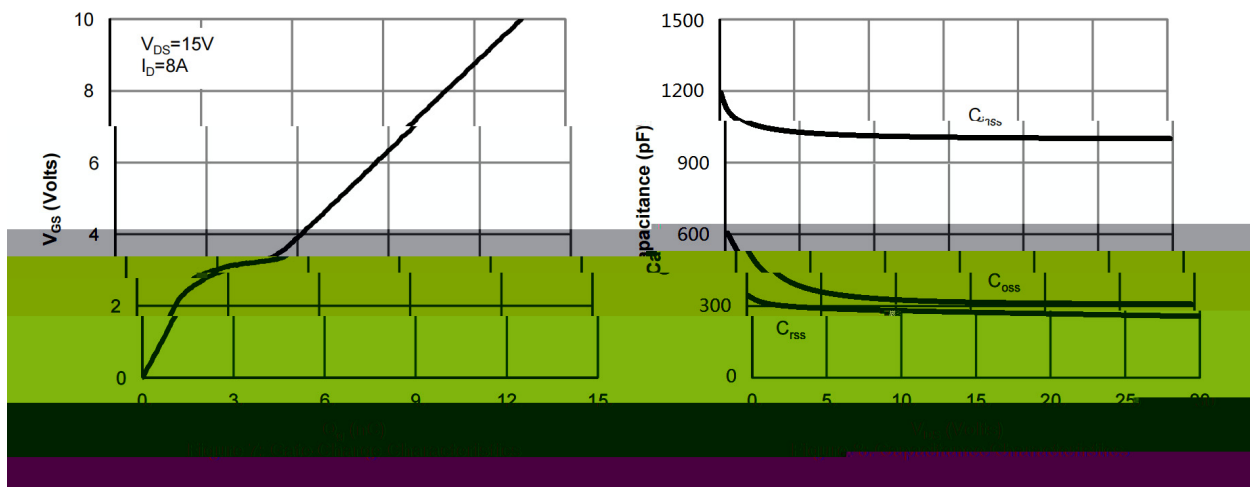
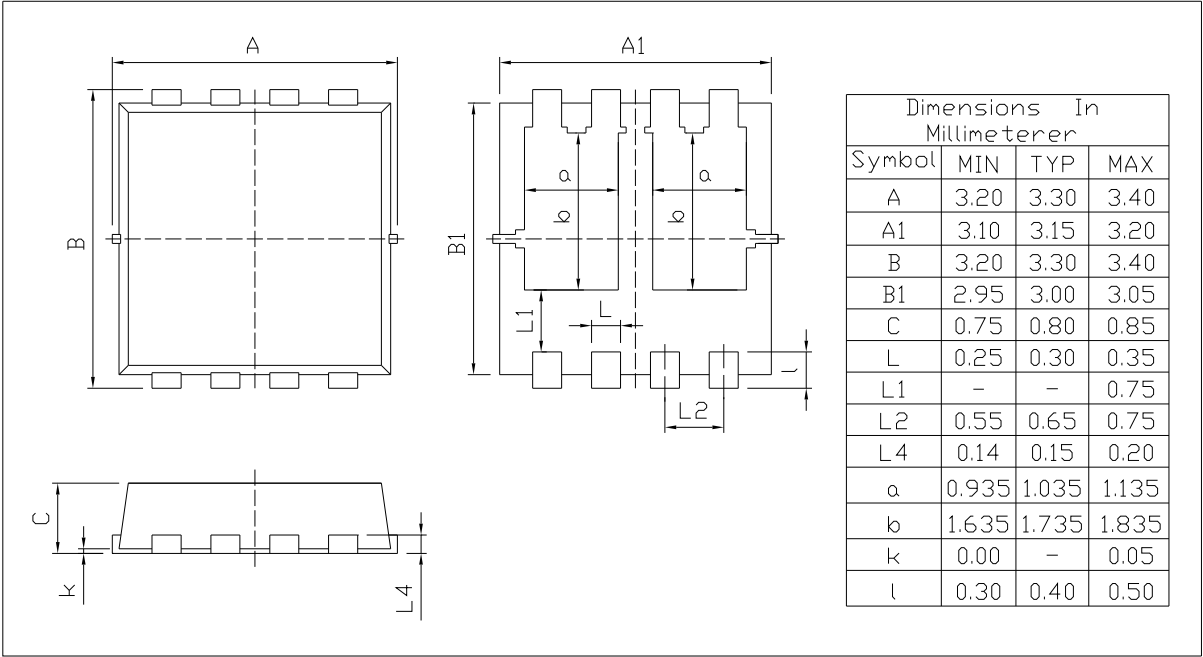


Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions

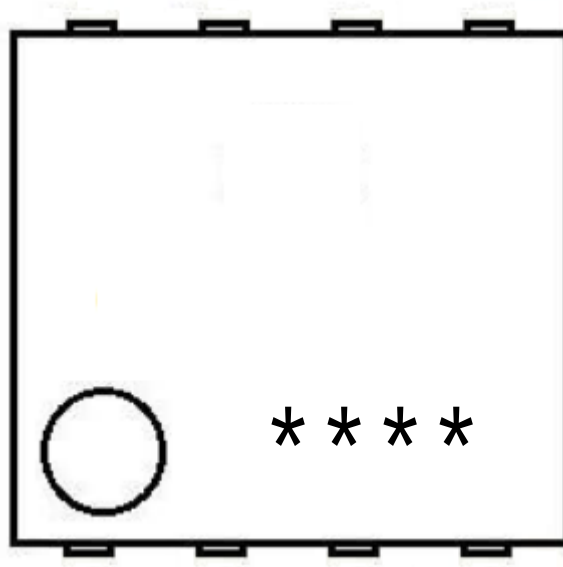
PDFN3X3-8L

Unit:mm



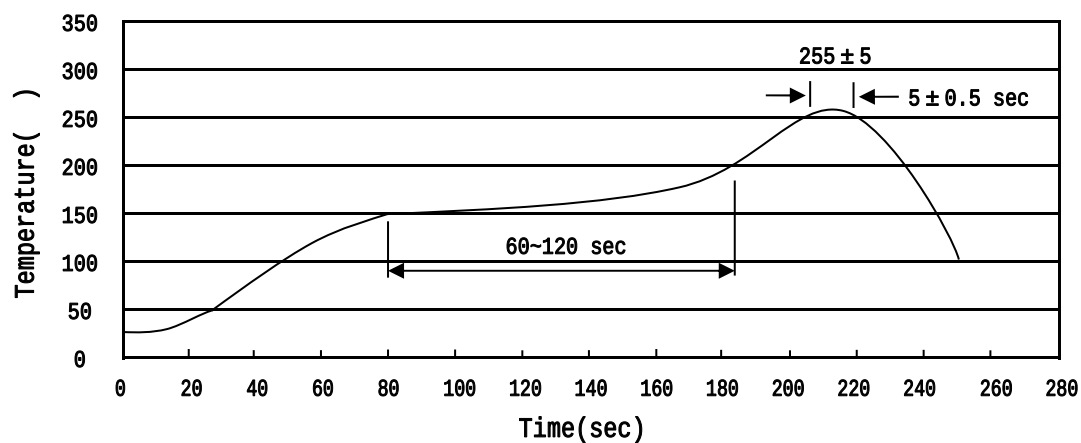
Rev.00 202011

/ Marking Instructions



DATA SHEET

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/ Resistance to Soldering Heat Test Conditions

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/ **Packaging SPEC.**

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

/ Notices