

BRCS120N03YAQ



DATA SHEET

PDFN 3×3-8L N MOS

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

AEC-Q101

Intended for use in general purpose switching and phase control

/ Electrical Characteristic Curve

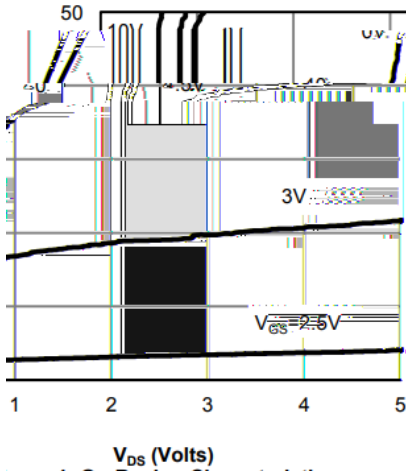


Figure 1: On-Region Characteristics

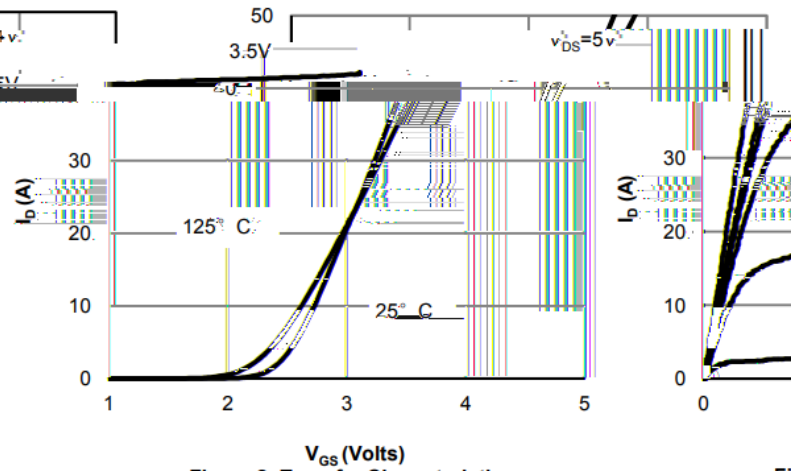


Figure 2: Transfer Characteristics

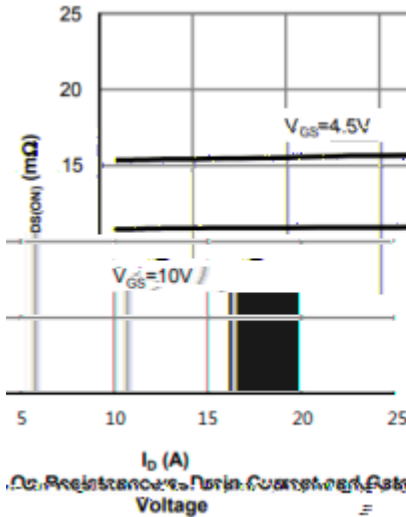


Figure 3: On-Resistance vs. Drain Current and Gate Voltage

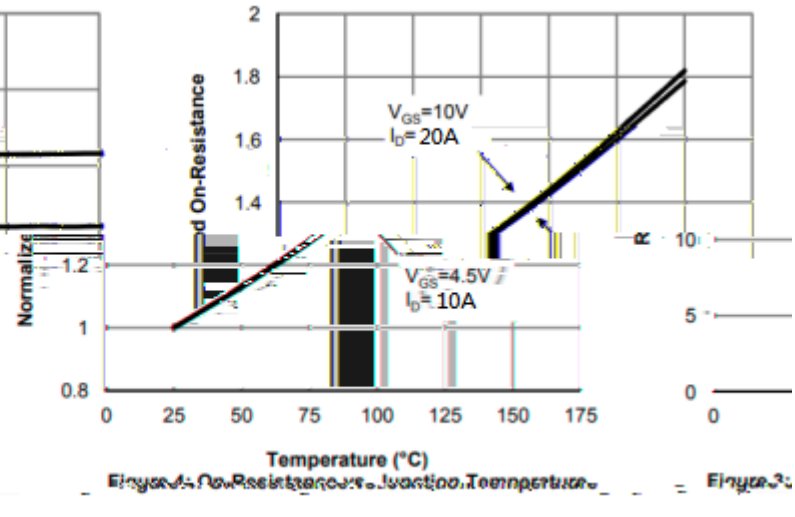


Figure 4: On-Resistance vs. Junction Temperature

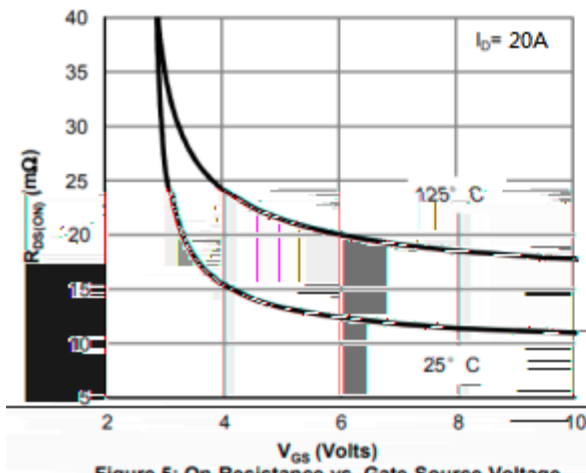


Figure 5: On-Resistance vs. Gate-Source Voltage

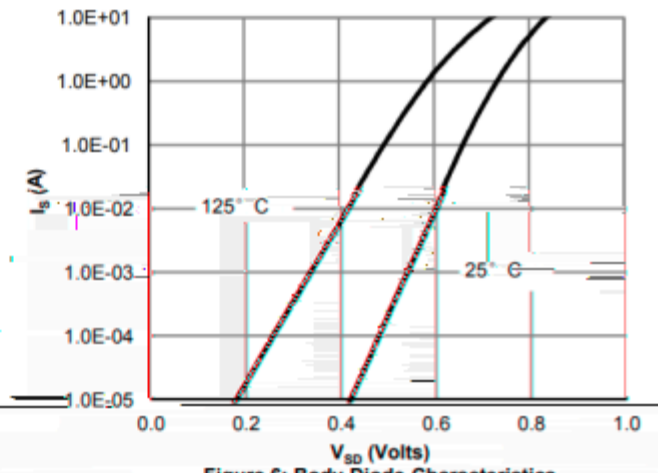


Figure 6: Body-Diode Characteristics

/ Electrical Characteristic Curve

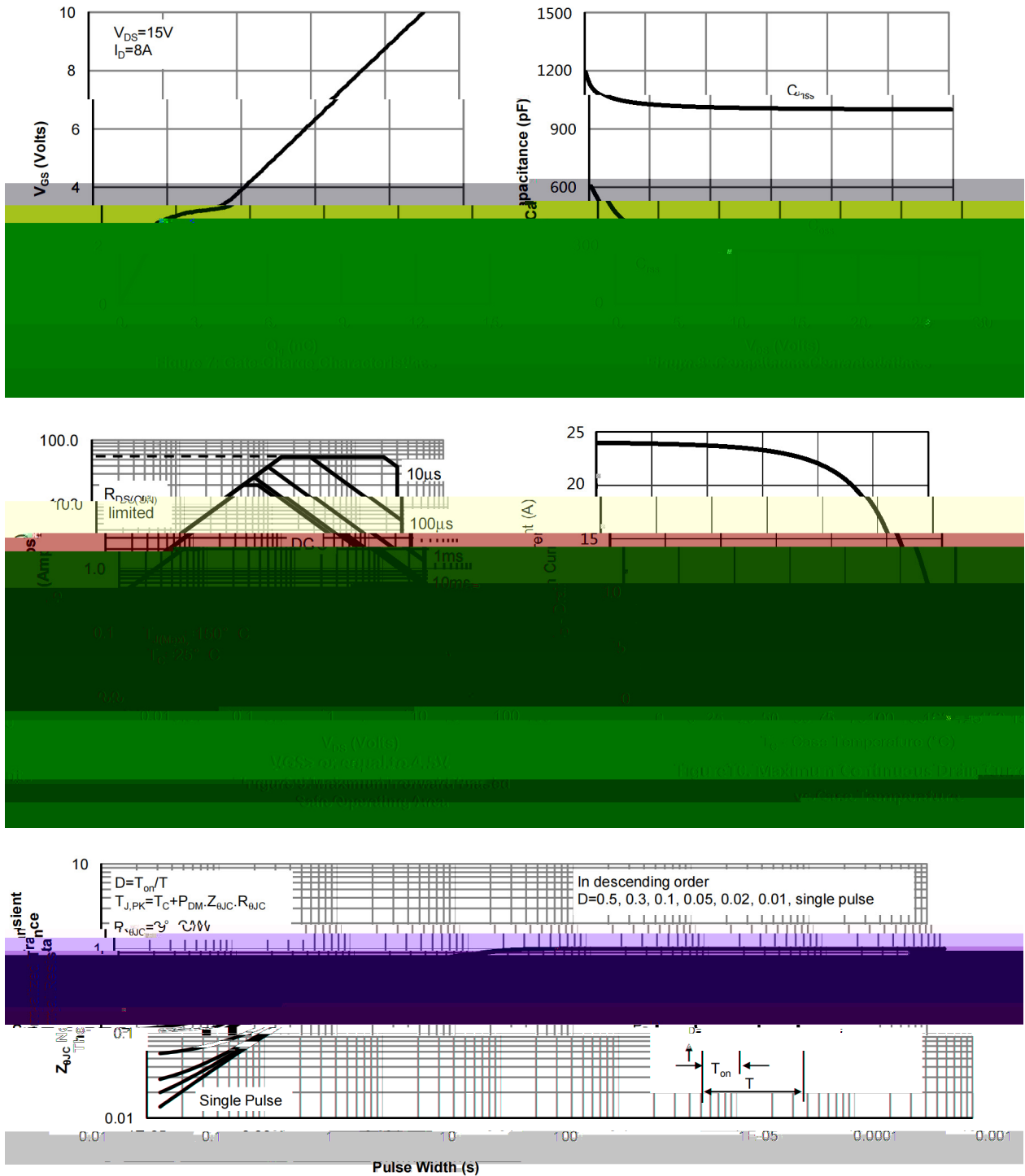
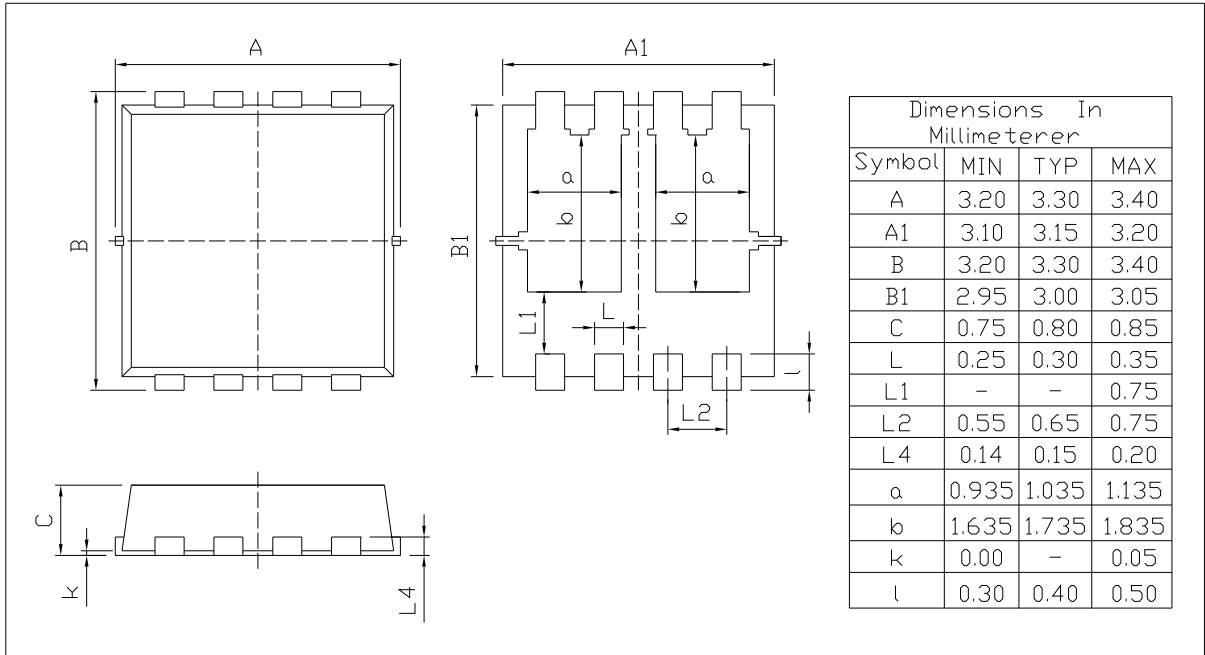


Figure 11: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions

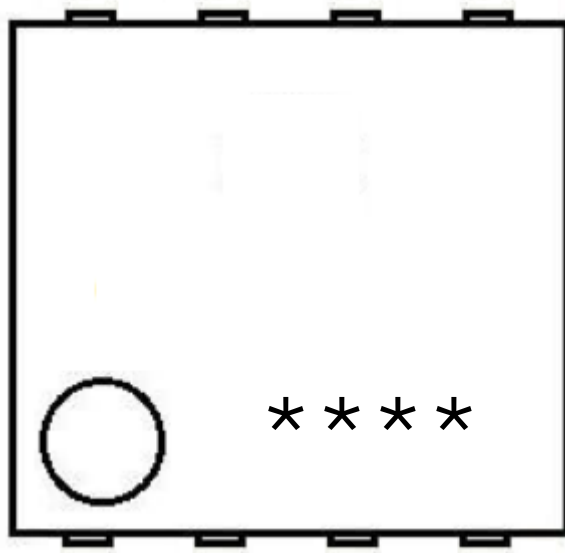
PDFN3X3-8L

Unit:mm

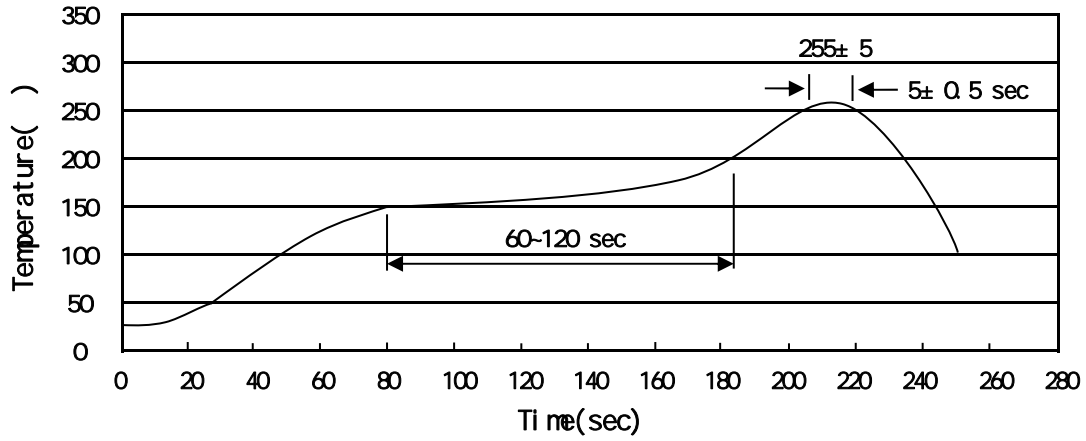


Rev.00 202011

/ Marking Instructions



() / 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