

/ Descriptions

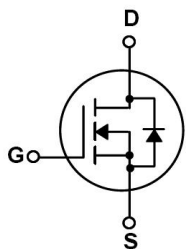
/ Features

$R_{DS(on)}$ C_{rSS} AEC-Q101

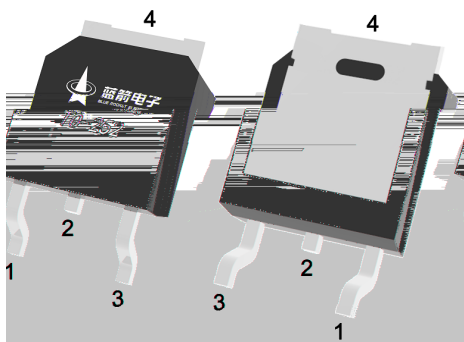
/ Applications

DC/DC

/ Equivalent Circuit



/ Pinning



/ Marking

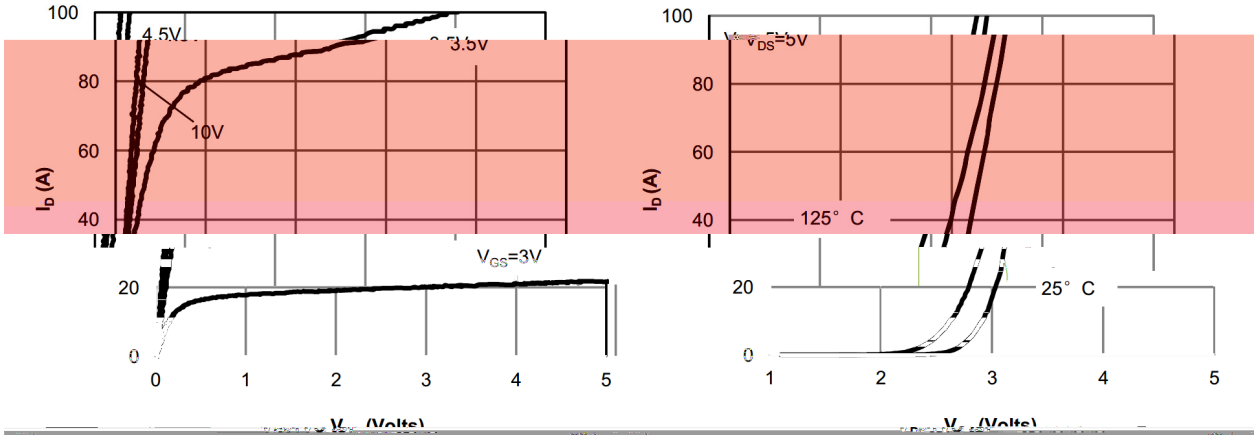
		°C		
			±	
		°C		
	≦	θ		°C
		θ		
		θ		

			μ			
						μ
					±	
			μ			

/ Electrical Characteristics(Ta=25)

		Ω	Ω			

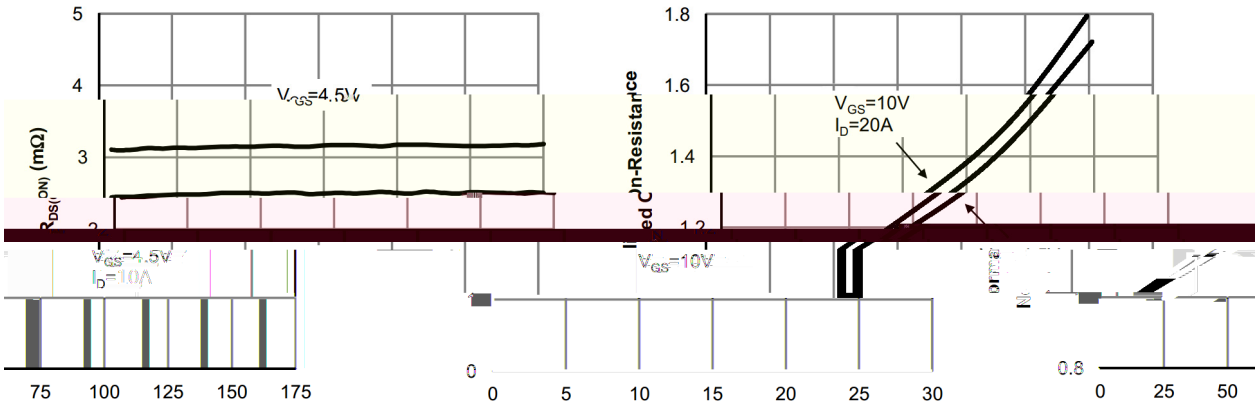
/ Electrical Characteristic Curve



Transfer Characteristics

Figure 2: Transfer Characteristics

Figure 1: On-Region Characteristics



On-Resistance vs. Drain Current and Gate Voltage

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

Figure 4: On-Resistance vs. Drain Current and Gate Voltage

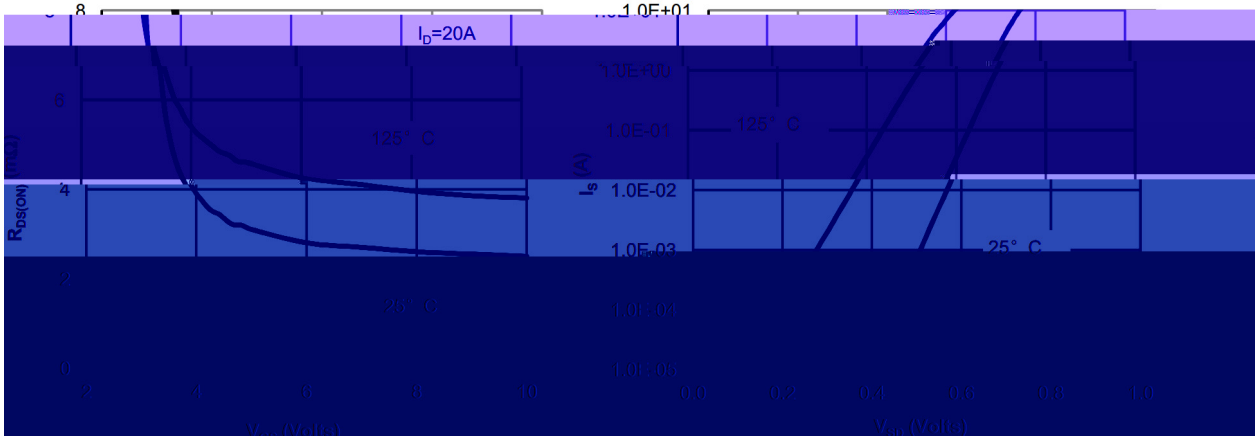


Figure 5: On-Resistance vs. Gate-Source Voltage

Figure 6: Body Diode Characteristics

/ Electrical Characteristic Curve

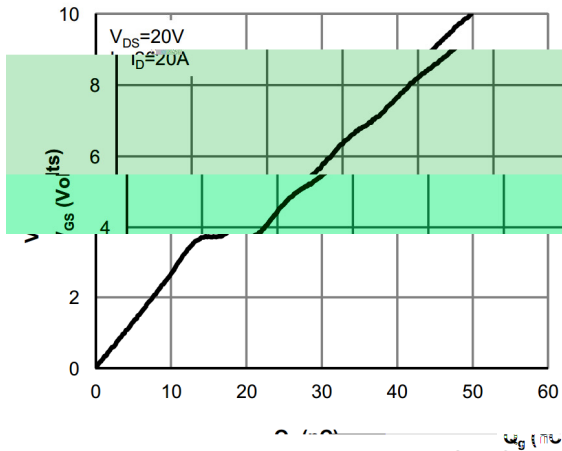


Figure 7: Gate-Charge Characteristics

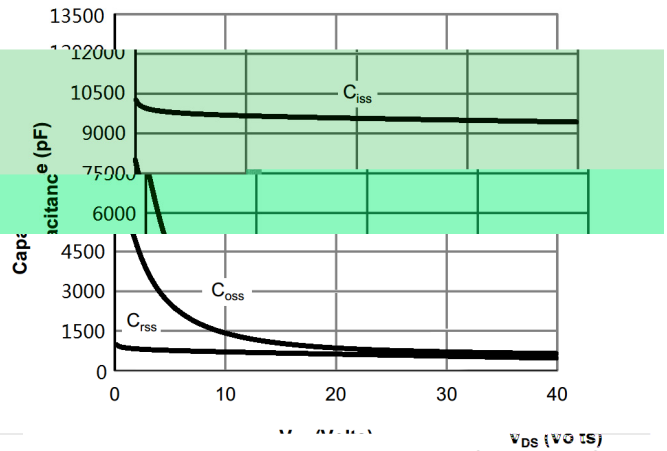


Figure 8: Capacitance Characteristics

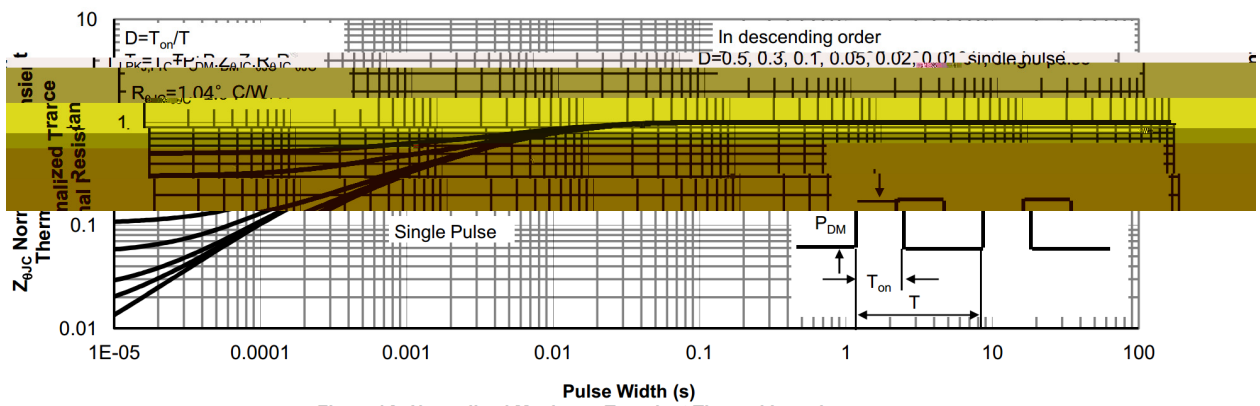
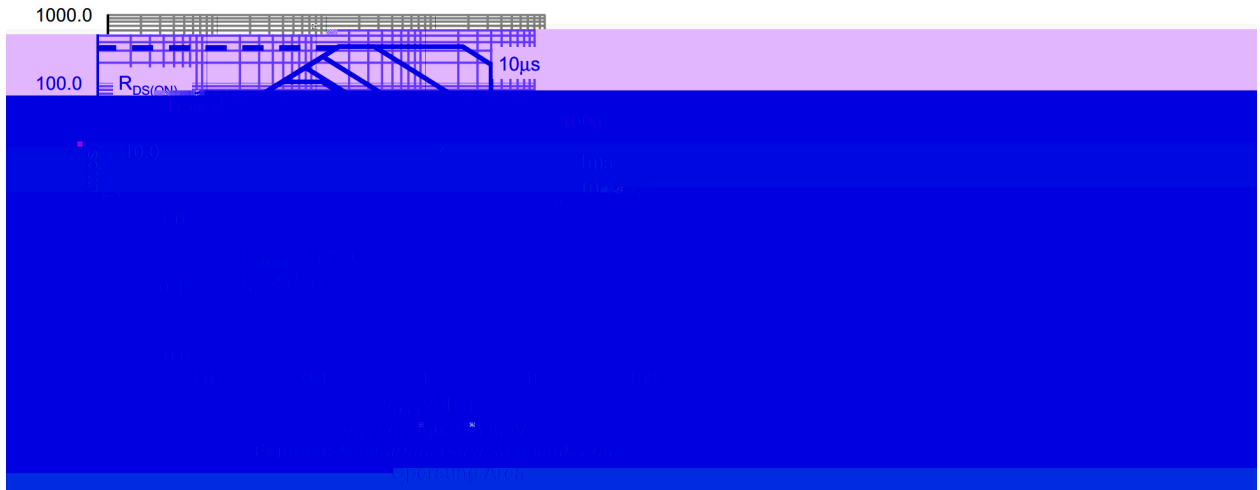
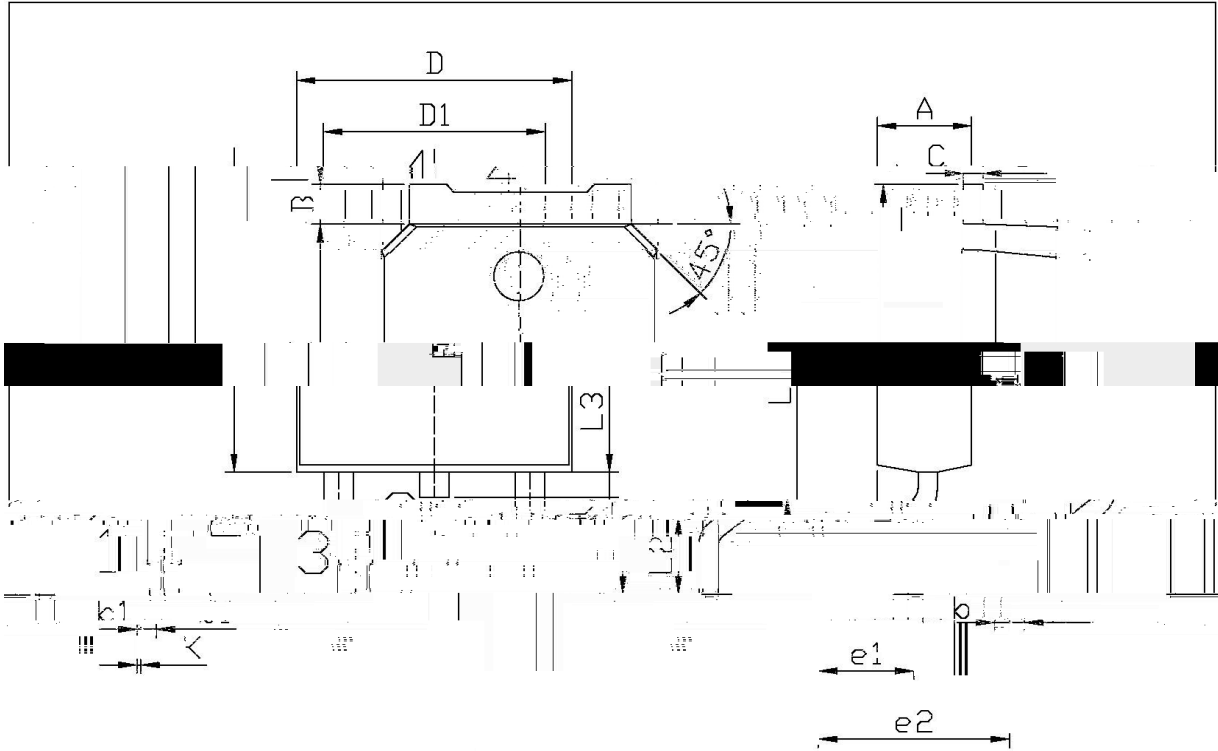


Figure 10: Normalized Maximum Transient Thermal Impedance

/ Package Dimensions

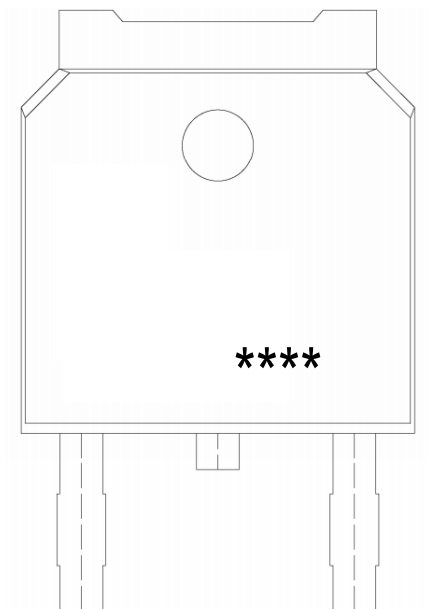


单位: mm

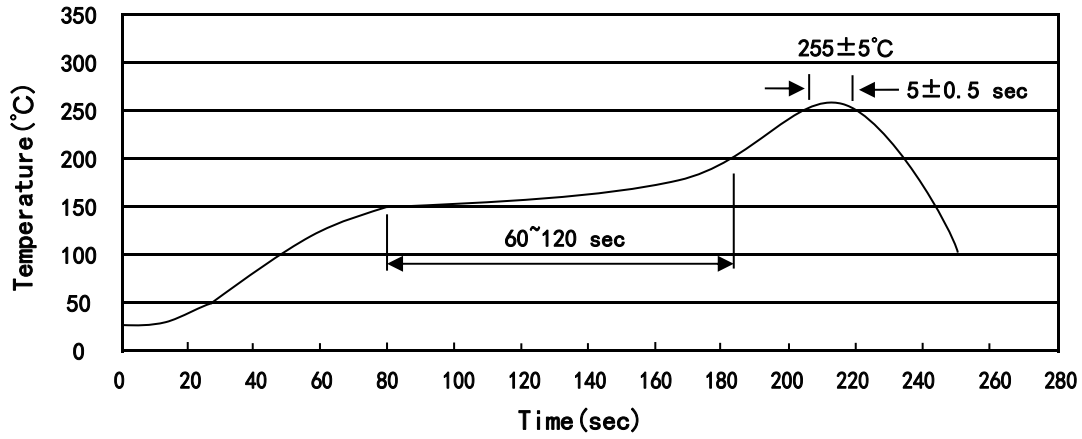
Symbol	Dimensions In Millimeters		Symbol	Dimensions In Millimeters	
	Min	Max		Min	Max
6.25	2.20	2.90	2.40	5.95	
2.34	0.95	1.25	e1	2.00	
2.73	0.70	0.90	e2	4.00	
9.85	10.35	6.10	0.75	0.55	
L3	0.45	0.55	L1	1.70	2.00
K	0.60	0.90	D	6.45	
	0.00	0.10		0.10	

□-252

/ Marking Instructions



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± ± ± ±

/ 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
	/	/	/	/	/	"		

	Units/Tube	Tubes/Inner Box	Units/Inner Box	Inner Boxes/Outer Box	Units/Outer Box	Tube	Inner Box	Outer Box
	/	/	/	/	/			

/ Notices