

/ Descriptions

P

/ Features

$R_{DS(on)}$

C_{rss}

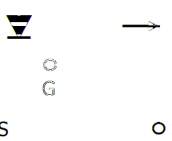
AEC-Q101

/ Applications

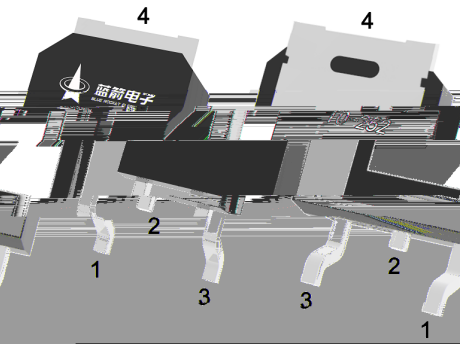
DC/DC

/ Equivalent Circuit

Symbol: O_{DSS}



/ Pinning



/ Marking

/ Absolute Maximum Ratings(Ta=25)

		℃		
()				
		℃		
			~	
	≦	θ		℃
		θ		

/ Electrical Characteristics(Ta=25)

/ Electrical Characteristics(Ta=25)

		Ω				

/ Electrical Characteristic Curve

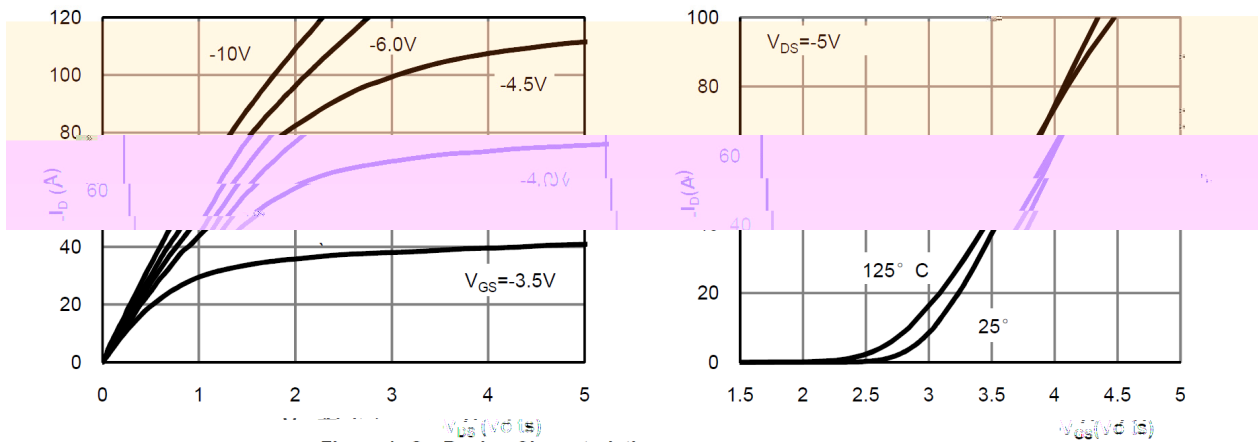
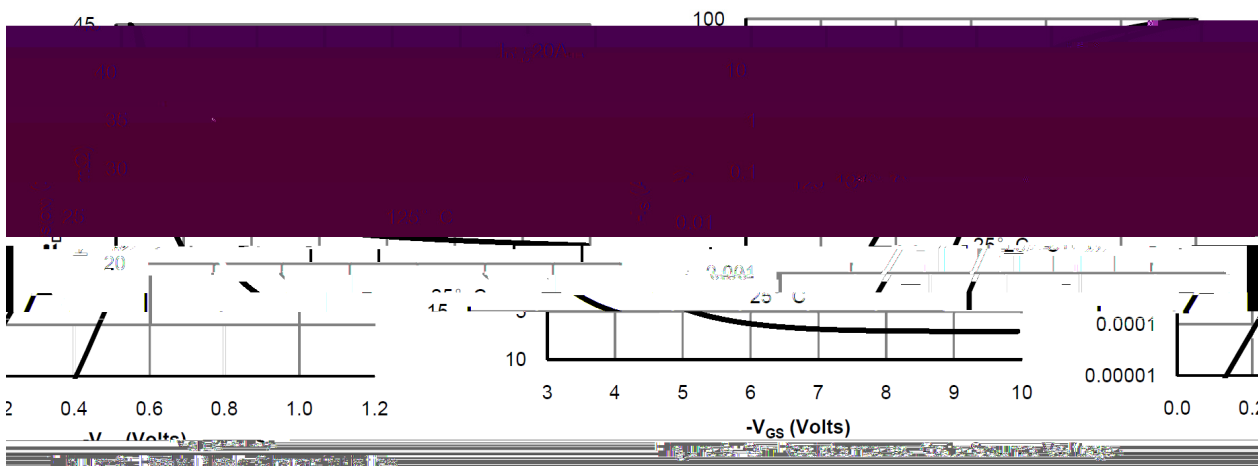
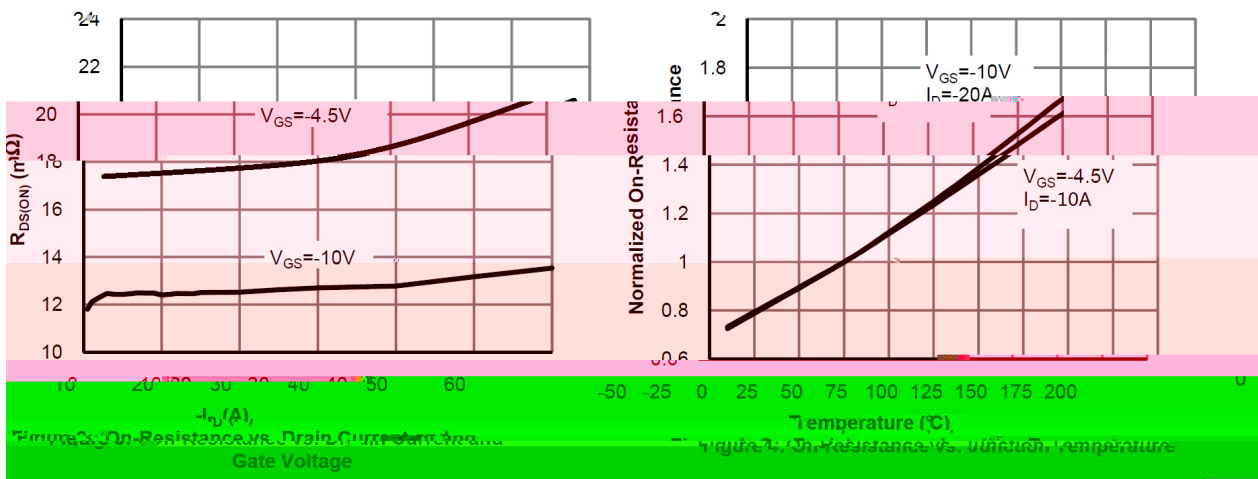


Figure 1: On-Region Characteristics

Figure 2: Transfer Characteristics



/ Electrical Characteristic Curve

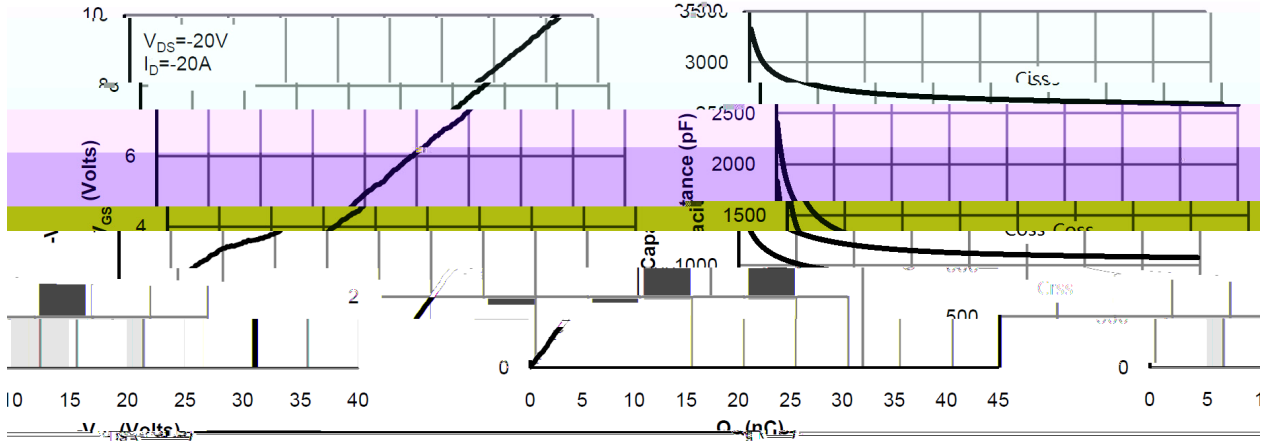


Figure 8: Capacitance Characteristics

Figure 7: Gate-Charge Characteristics

Figure

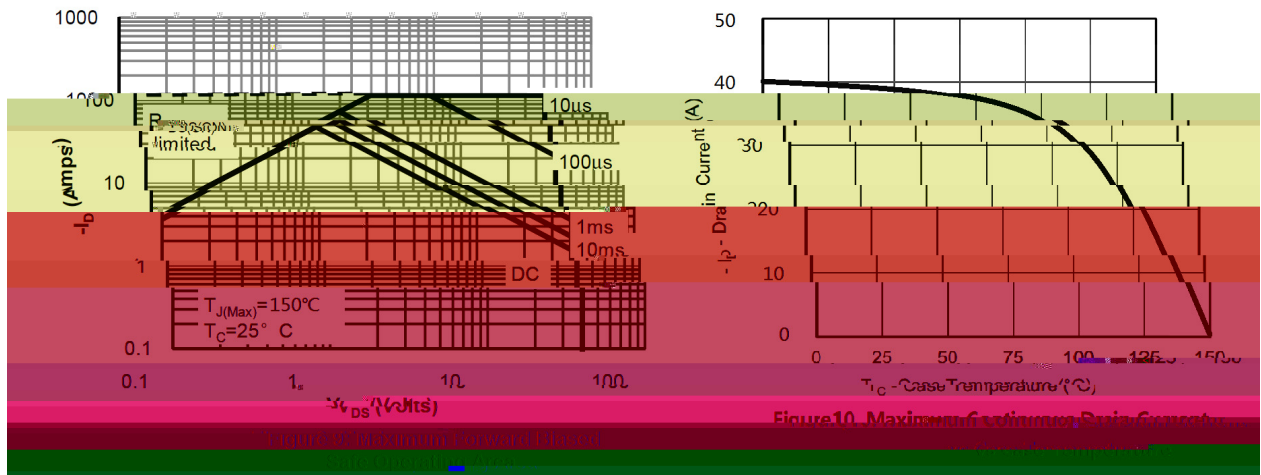


Figure 10: Maximum Gate-Drive Current Characteristics

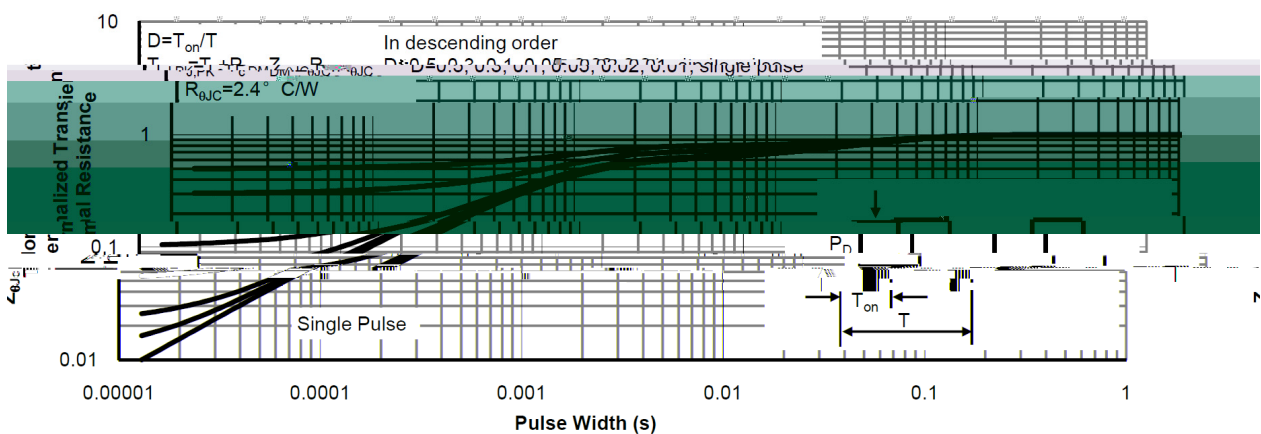
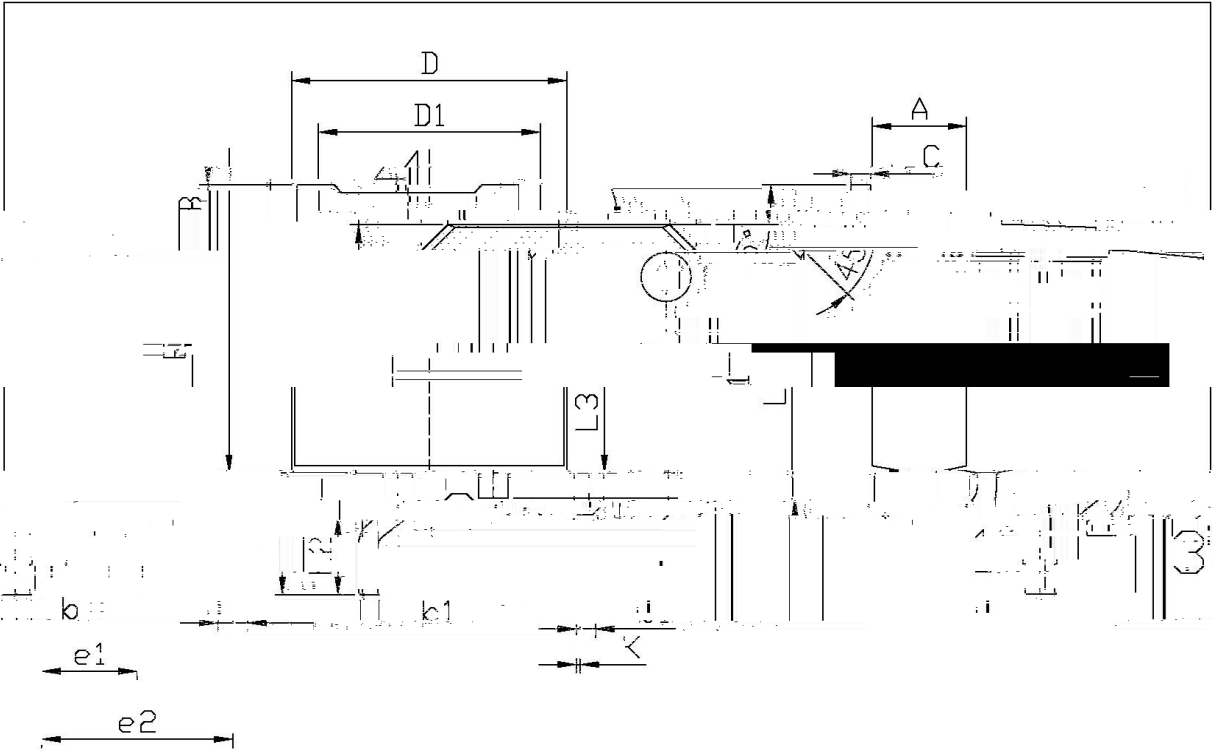


Figure 11: Normalized Maximum Transient Thermal Impedance

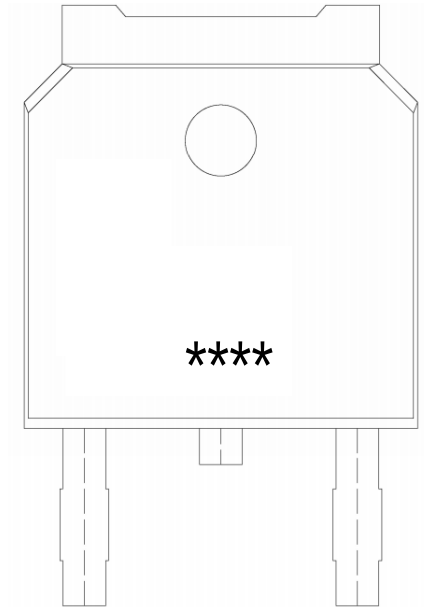
/ Package Dimensions



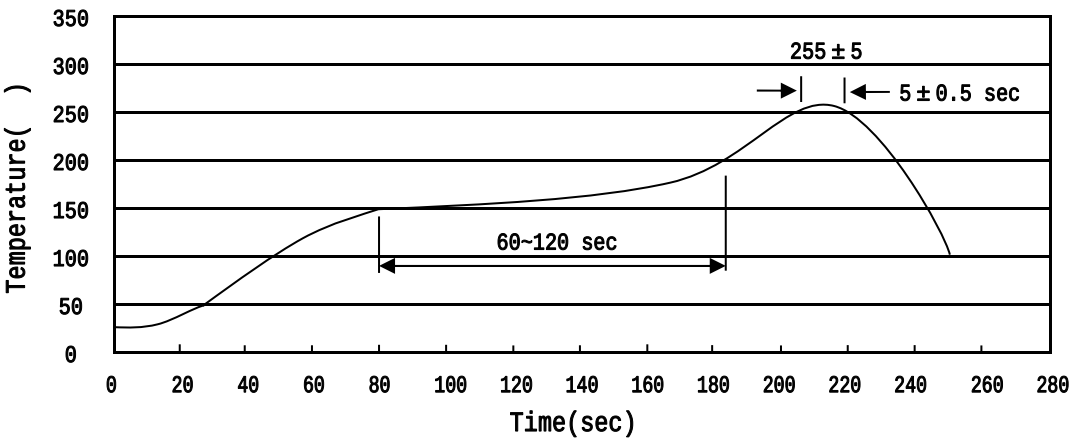
单位: mm

Dimensions In Millimeters			Dimensions In Millimeters		
Symbol	Min	Max	Symbol	Min	Max
A	2.25	2.40	L3	0.60	0.90
C	0.95	1.25	K	0.00	0.10
D	9.85	10.35	L1	0.45	0.55
D1	5.10	5.50	L2	1.70	2.00
e1	0.75	0.85	D	6.45	6.75
e2	0.75	0.85	D1	5.10	5.50
k1	0.75	0.85			

/ 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
						"		

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

/ Notices