	Value	Unit
	60	V
	1.5	V
	91	A
	2.6	mΩ
	3.2	m

Electrical Characteristics (T_J = 25°C unless otherwise specified)

Symbol	Conditions	Min.	Typ.	Max.	Unit
Off Characteristics					
$V_{(BR)DSS}$		60	-	-	V
I_{DSS}		-	-	1.0	μ
I_{GSS}		-	-	±100	
$V_{GS(th)}$		1.1	1.5	2.5	V
		-	2.6	3.3	mΩ
		-	3.2	4.2	mΩ
R_g		-	2.1	-	Ω
C_{iss}		2140	3566	5349	pF

Typical Performance Characteristics

Figure 1: Power De-rating

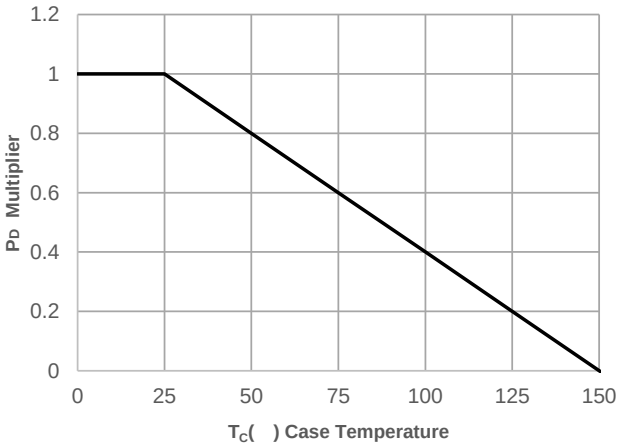
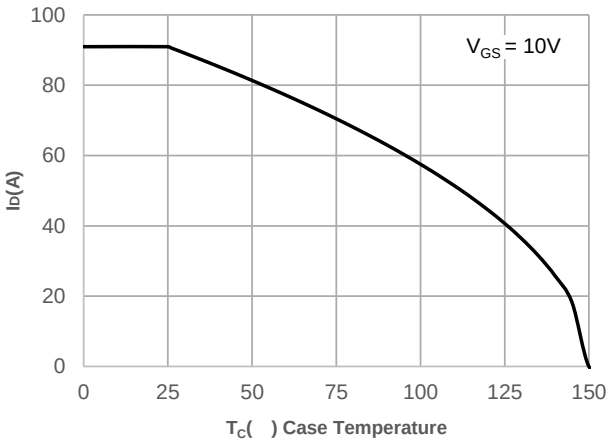


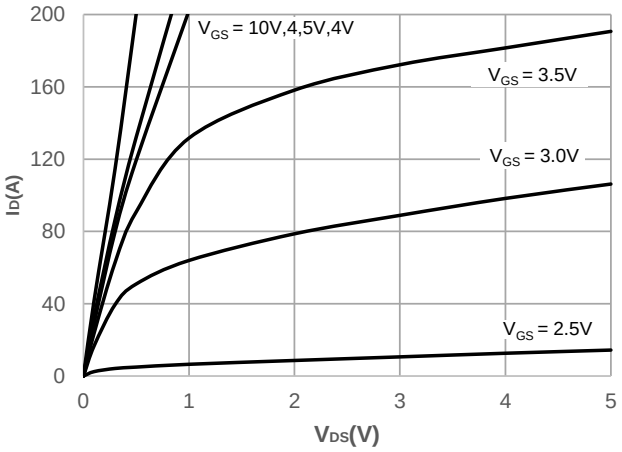
Figure 2: Current De-rating

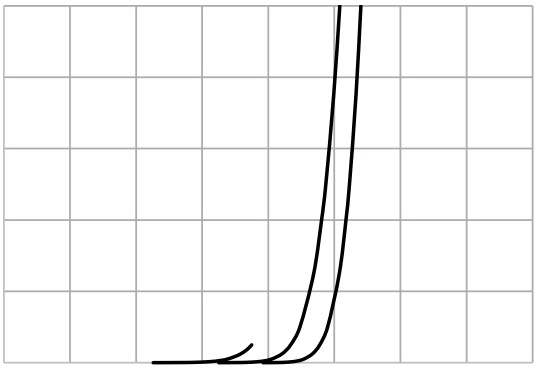




Typical Performance Characteristics

Figure 5: Output Characteristics





Typical Performance Characteristics

Test Circuit



Figure 1: Gate Charge Test Circuit & Waveform

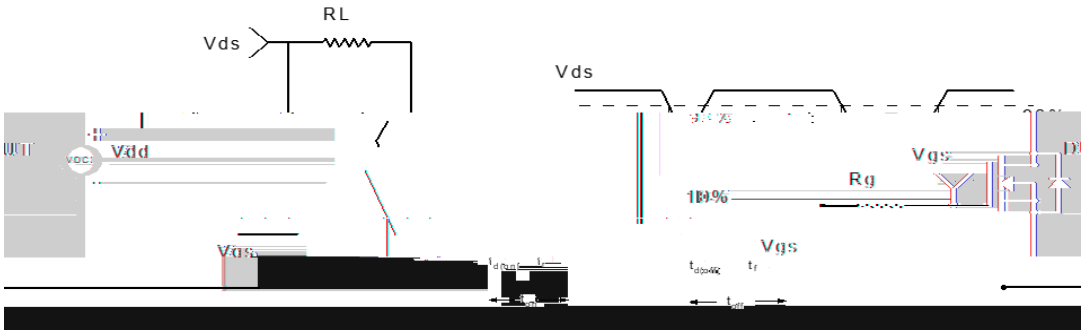


Figure 2: Resistive Switching Test Circuit & Waveform

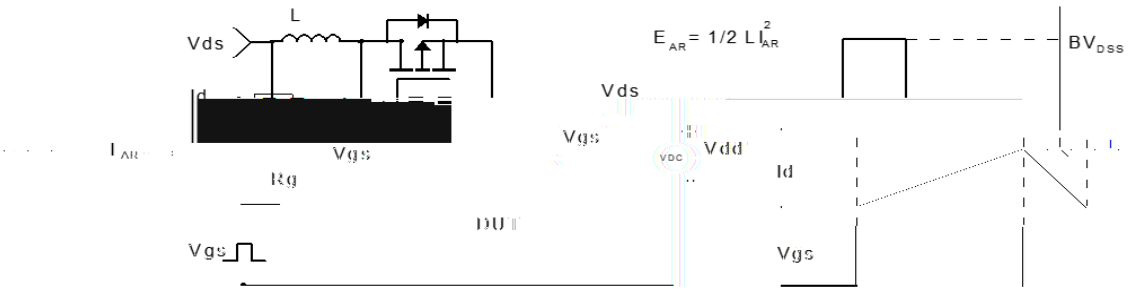


Figure 3: Unclamped Inductive Switching Test Circuit& Waveform

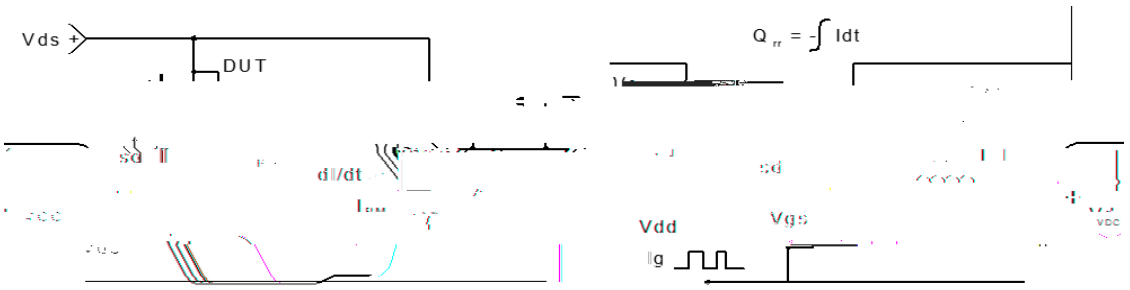
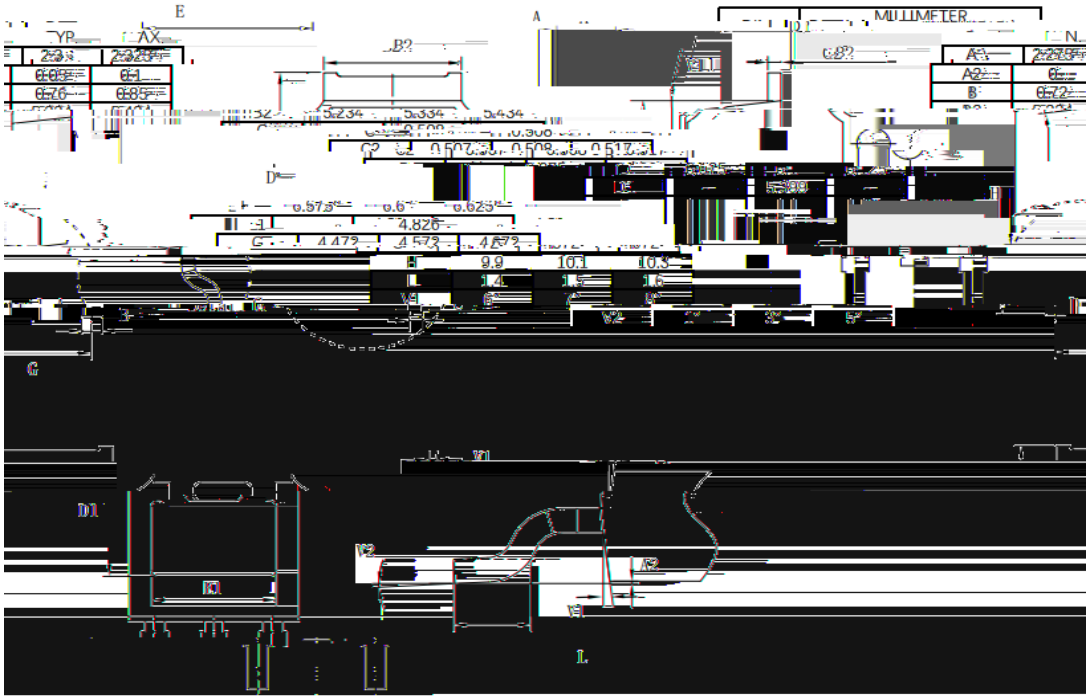


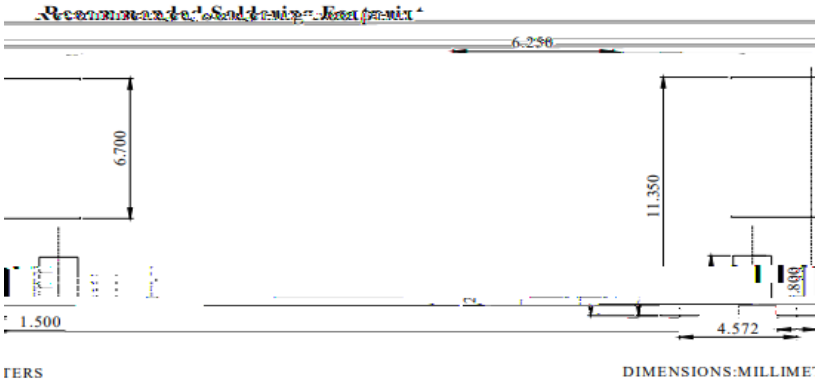
Figure 4: Diode Recovery Test Circuit & Waveform

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Package Mechanical Data(TO-252-3L)

Package Outline





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