

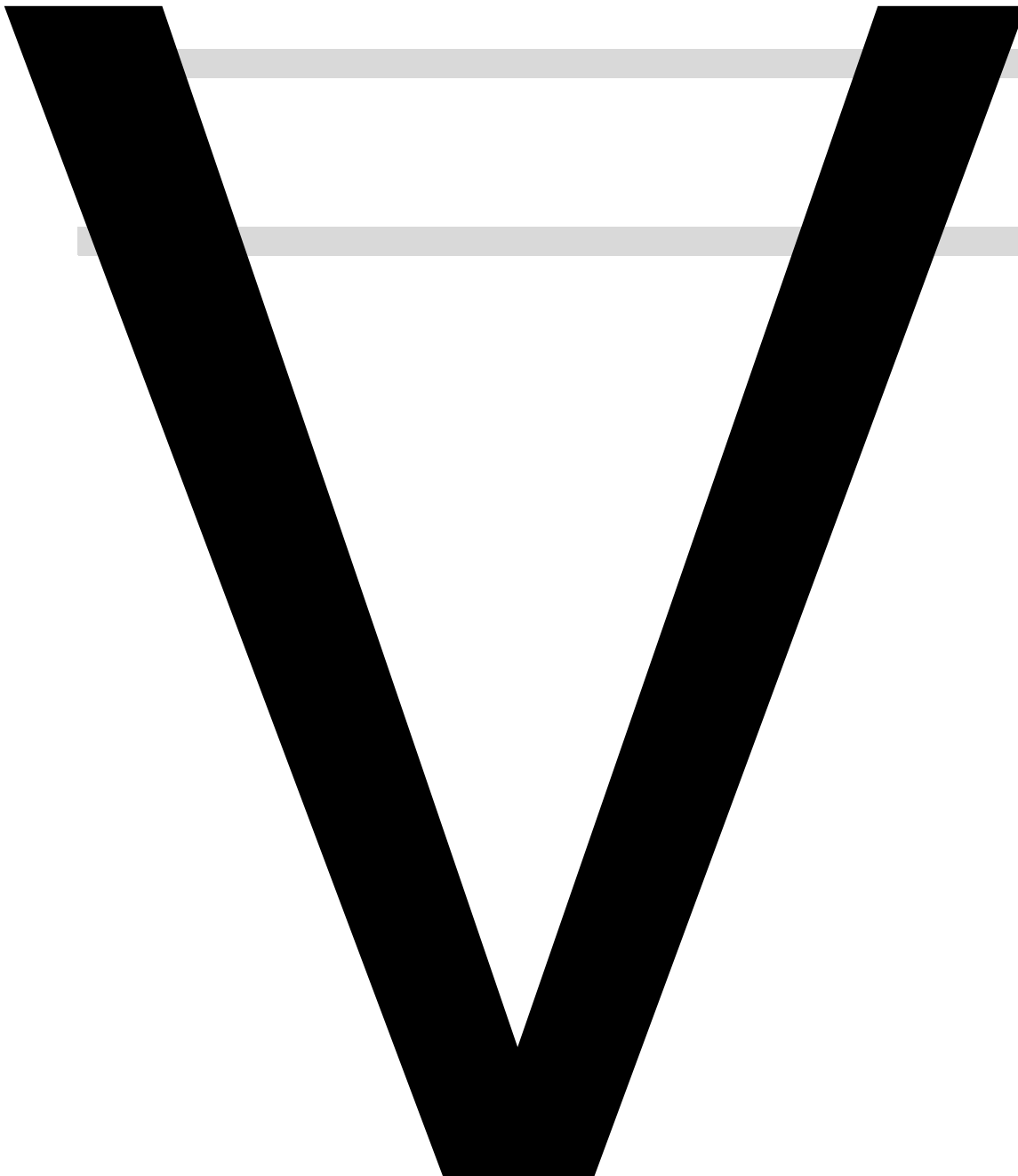


Electrical Characteristics (T_J = 25°C unless otherwise specified)

Min 1.6074 2 1 ET Q q 25.92 (ND 3/Lan2(t)7 EM21-3(Tondioe> BDC q 25.92 68102 5113.3871.2.42 re Max BT /Fin8.76 Tf 1 0 0 1 3

Off Characteristics

V_(Min.)





Typical Performance Characteristics

Figure 1: Power De-rating

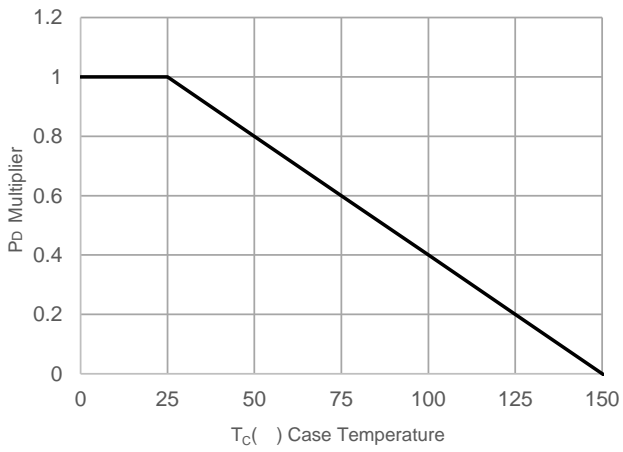
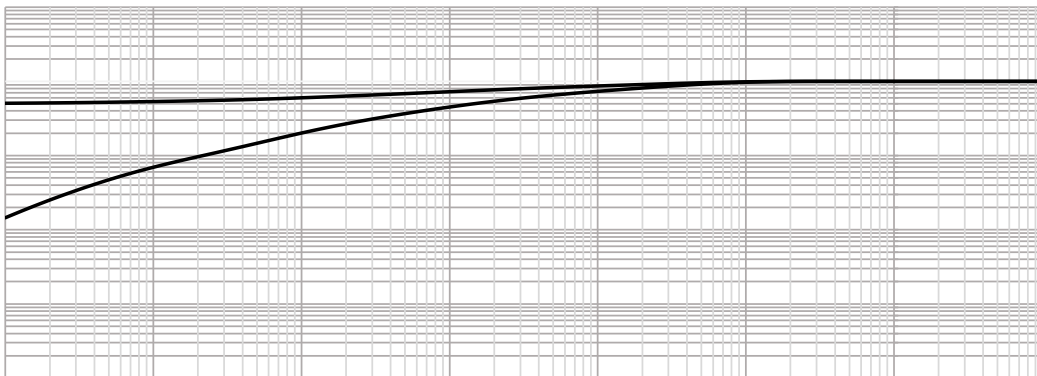
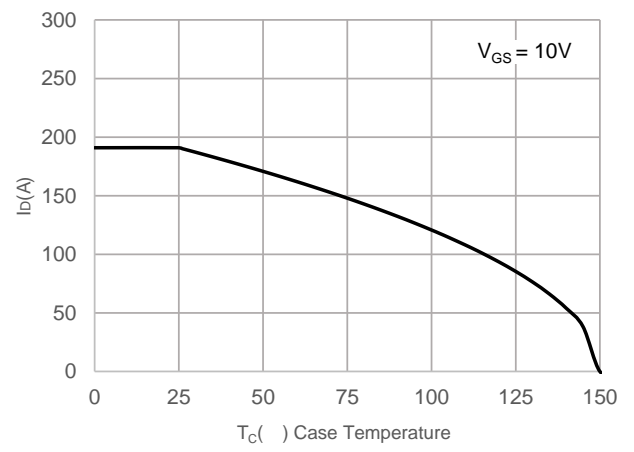
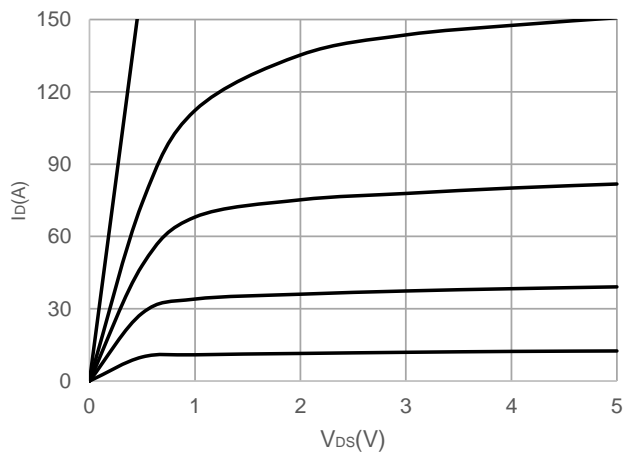


Figure 2: Current De-rating



Typical Performance Characteristics



Typical Performance Characteristics

Figure 11: Normalized Breakdown voltage vs. Junction Temperature

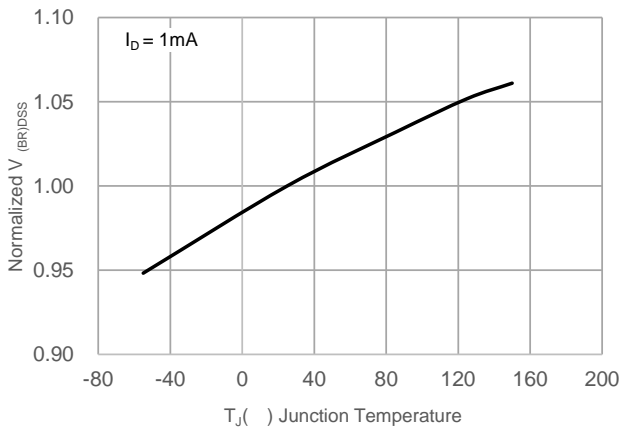
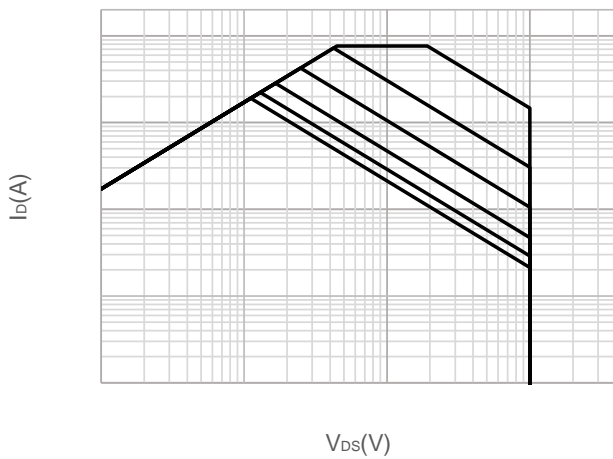
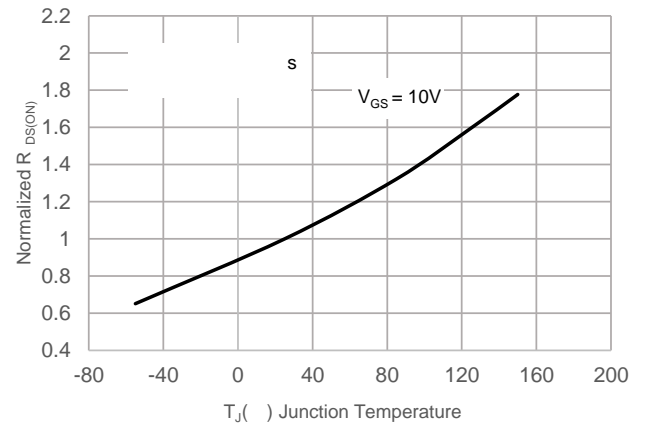


Figure 12: Normalized on Resistance vs. Junction Temperature



Test Circuit

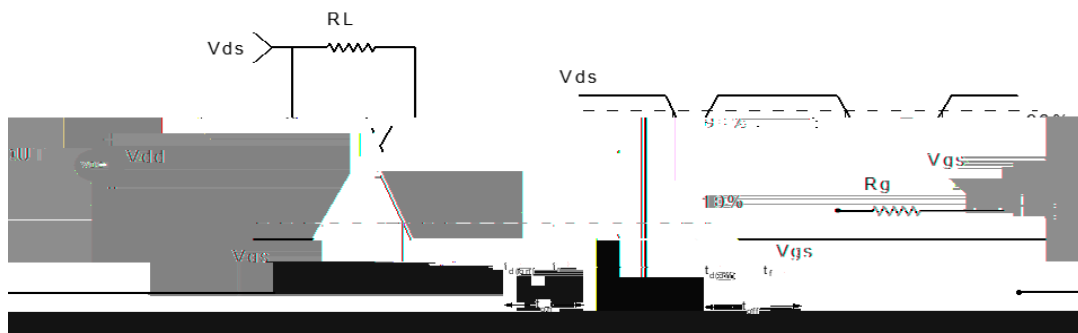
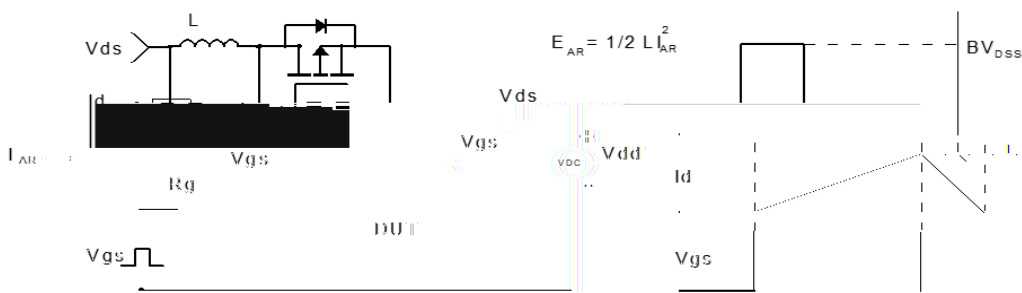
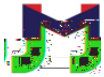
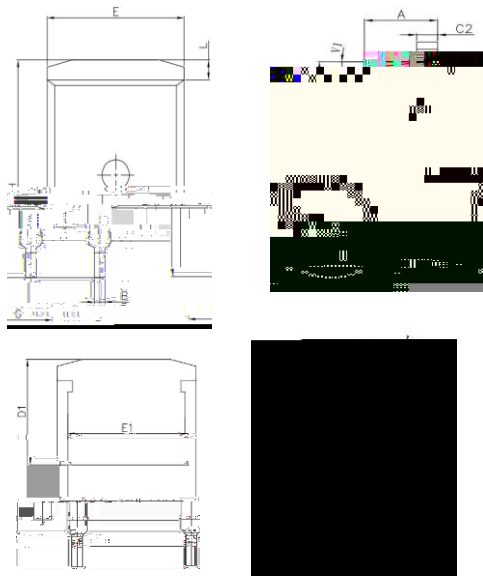
Figure 1: Gate Charge Test Circuit & Waveform

Figure 2: Resistive Switching Test Circuit & Waveform

Figure 3: Unclamped Inductive Switching Test Circuit & Waveform

Figure 4: Diode Recovery Test Circuit & Waveform

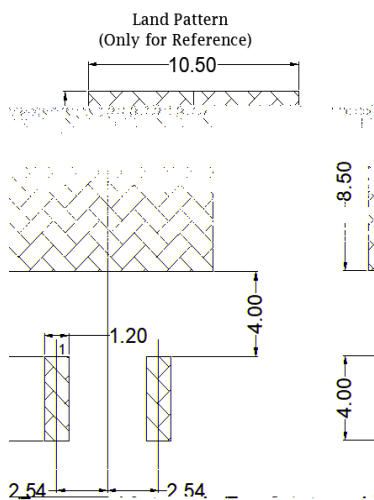



Package Mechanical Data(TO-263 -3L)

Package Outline



SYMBOL	DIMENSIONS		
	MIN	NOM	MAX
A	4.2	4.5	4.7
B	0.7	0.8	0.9
C	0.38	0.46	0.54
C2	1.2	1.3	1.4
D	7.4	7.65	7.9
E	10.0	10.2	10.4
F1	8.2	8.6	9.0
G	5.0R	5.0R	5.0R
H	4.7	5.0	5.3R



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