

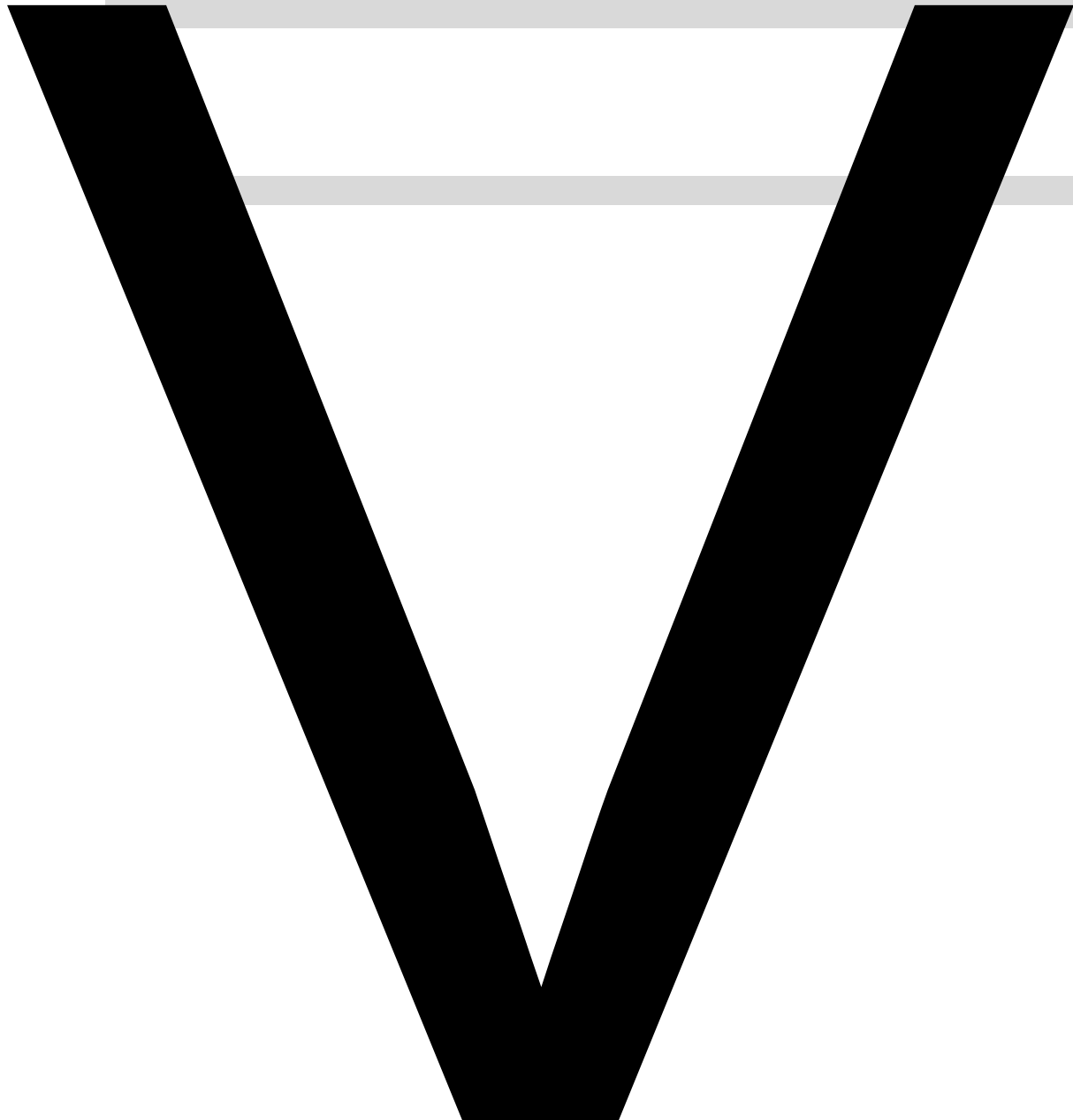


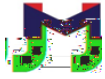
Electrical Characteristics (T_J = 25°C unless otherwise specified)

Symbol Unit Min. Typ. Max. Conditions

Off Characteristics

V_(Min.)





Typical Performance Characteristics

Figure 1: Power De-rating

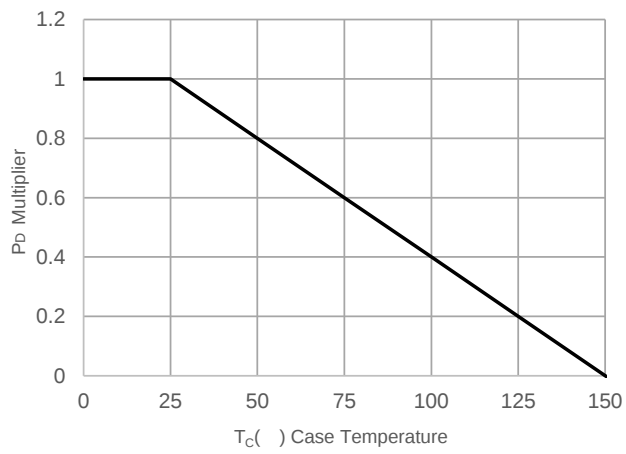
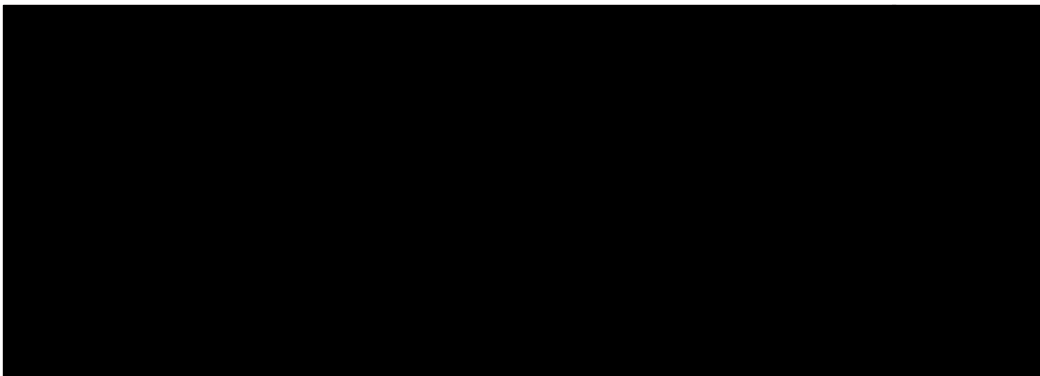
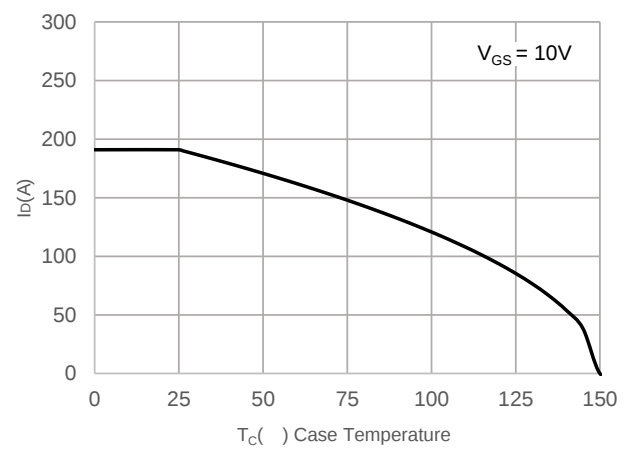
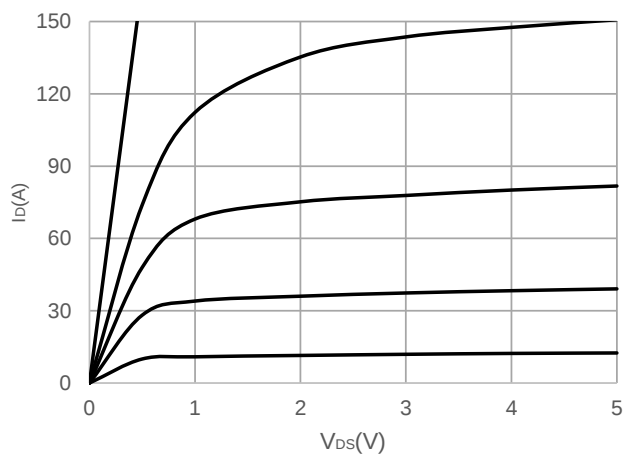


Figure 2: Current De-rating



Typical Performance Characteristics



Typical Performance Characteristics

Figure 11: Normalized Breakdown voltage vs. Junction Temperature

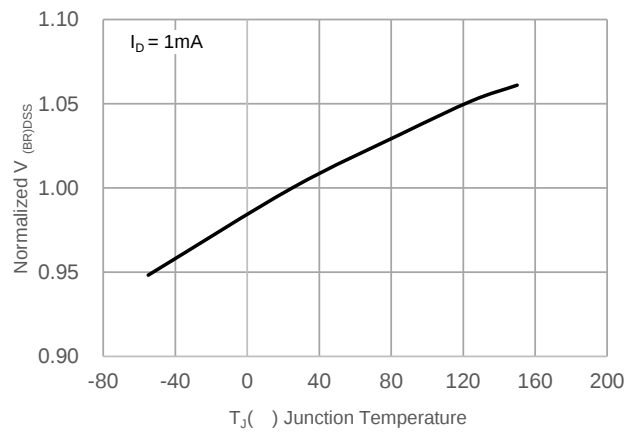
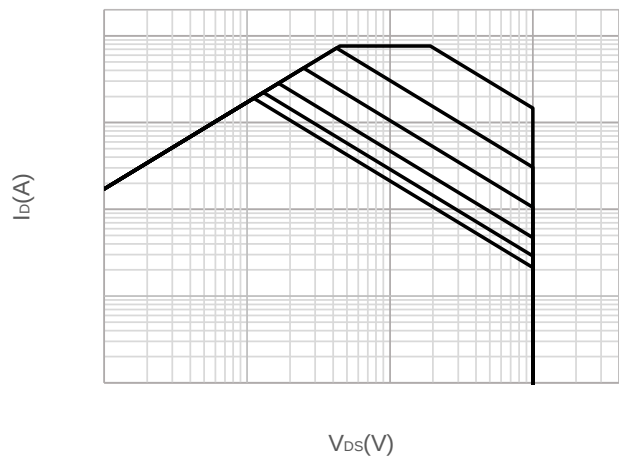
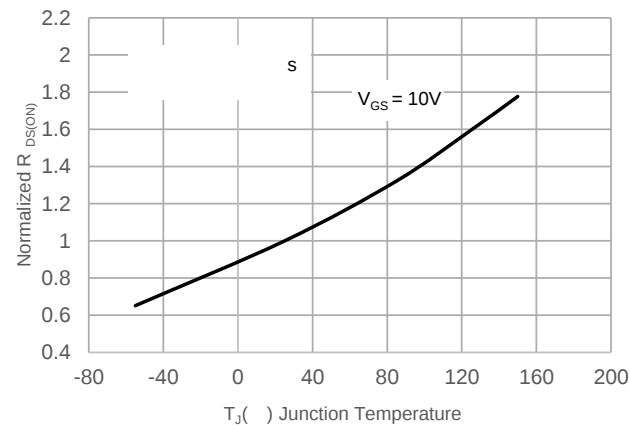


Figure 12: Normalized on Resistance vs. Junction Temperature



Test Circuit



Figure 1: Gate Charge Test Circuit & Waveform

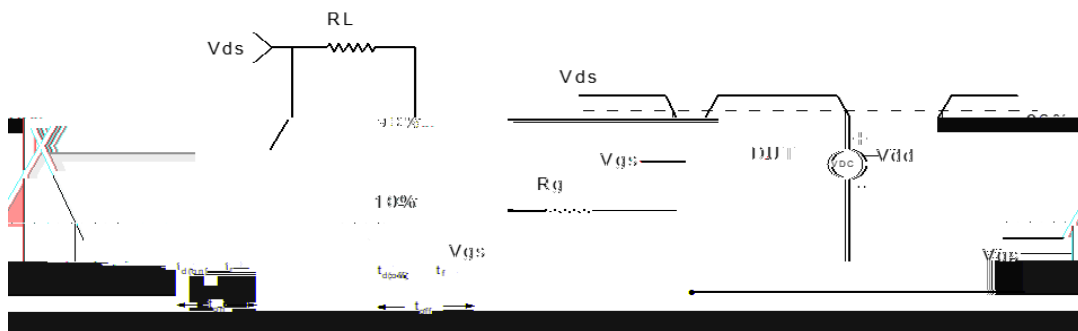


Figure 2: Resistive Switching Test Circuit & Waveform

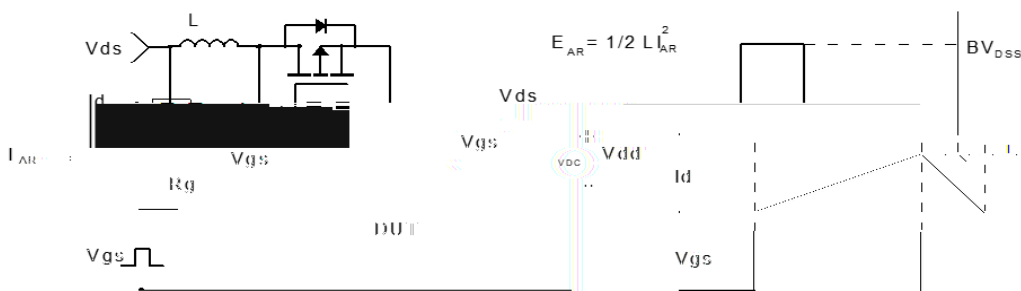
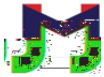


Figure 3: Unclamped Inductive Switching Test Circuit & Waveform

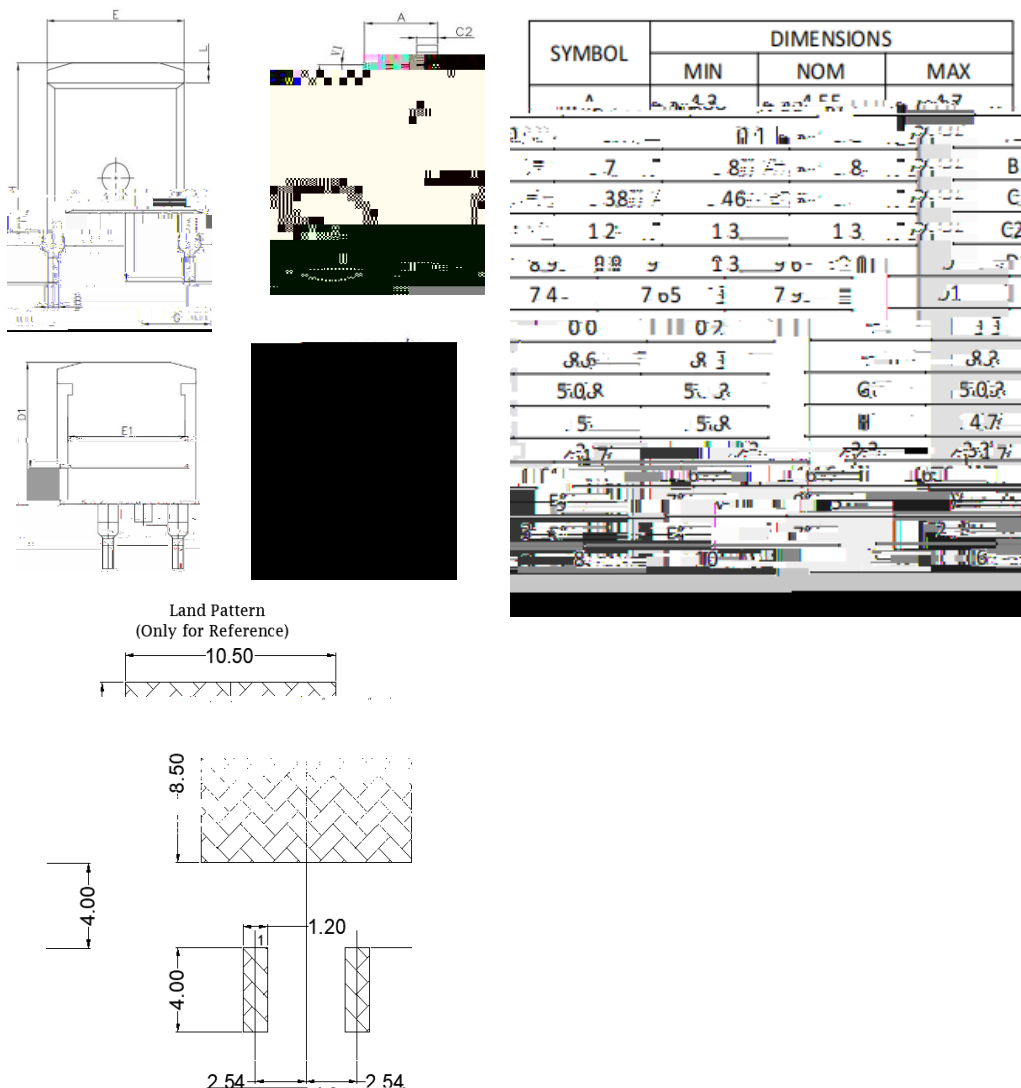


Figure 4: Diode Recovery Test Circuit & Waveform



Package Mechanical Data(TO-263 -3L)

Package Outline



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