



Electrical Characteristics ($T_J = 25^\circ\text{C}$ unless otherwise specified)

Symbol Min. Max. Unit Test Conditions

Off Characteristics

$V_{(Min)}$

[Redacted]

[Redacted]

[Redacted]

[Redacted]

Test Circuit



Figure 1: Gate Charge Test Circuit & Waveform

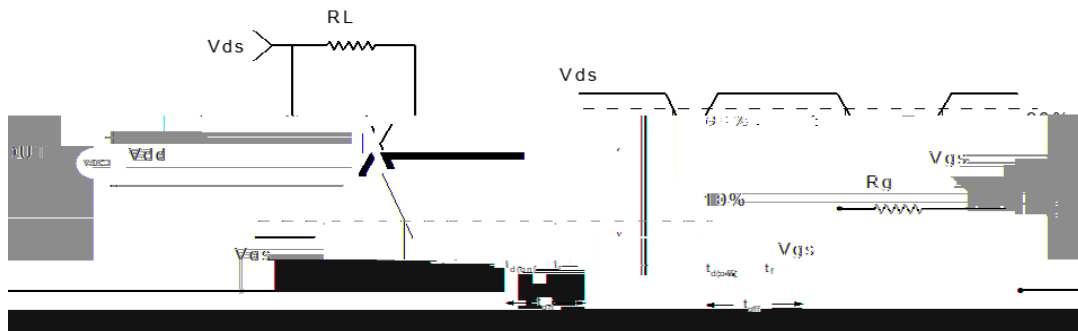


Figure 2: Resistive Switching Test Circuit & Waveform

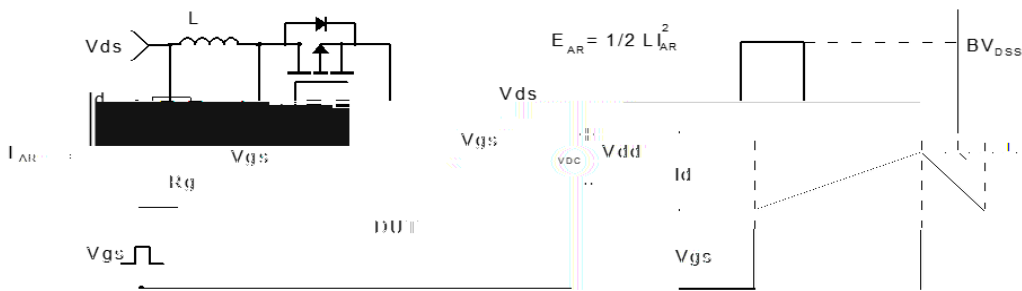


Figure 3: Unclamped Inductive Switching Test Circuit & Waveform

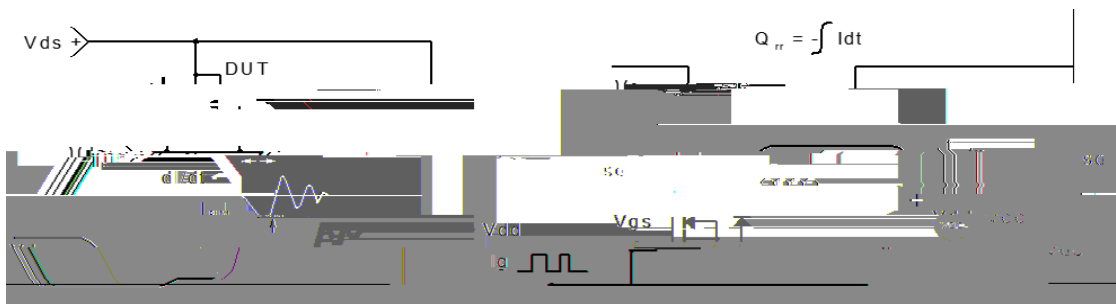
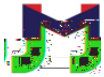


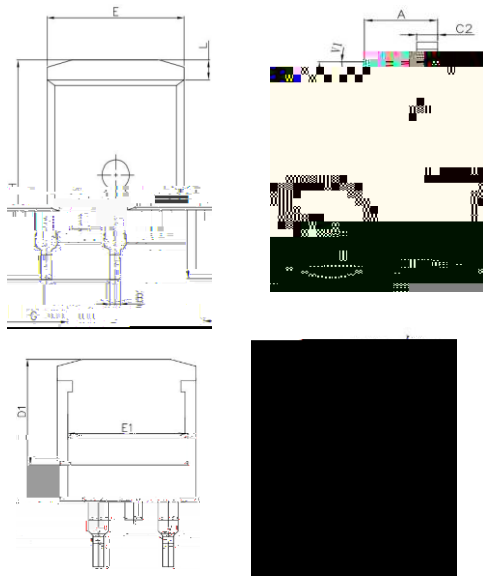
Figure 4: Diode Recovery Test Circuit & Waveform





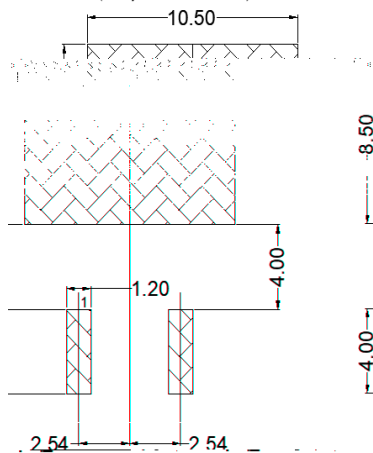
Package Mechanical Data(TO-263 -3L)

Package Outline



SYMBOL	DIMENSIONS		
	MIN	NOM	MAX
A	4.2	4.2	4.7
B	7.1	8.1	8.1
C	3.8	4.6	4.1
C2	1.2	1.3	1.6
D	8.9	9.3	9.0
E	7.4	7.65	7.9
F1	0.0	0.2	0.3
F2	8.6	8.3	8.2
F3	5.08	5.2	6.1
F4	5.1	5.8	4.7

Land Pattern
(Only for Reference)



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