

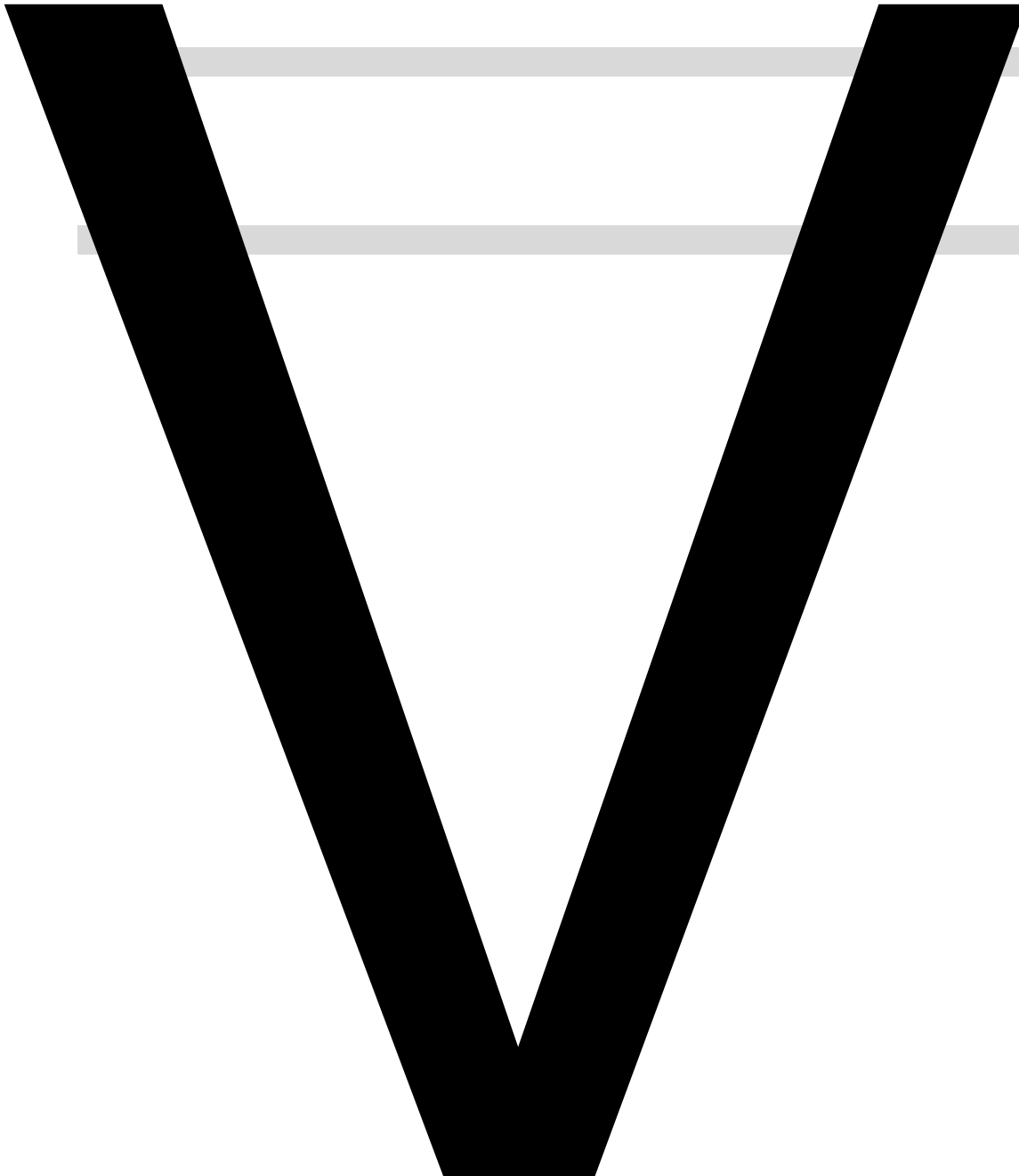


Electrical Characteristics (T<sub>J</sub> = 25°C unless otherwise specified)

Min 1.6074 2 1 ET Q q 25.92 (ND 3/Lan2(t)7 EM21-3(Tondine)> BDC q 25.92 68T02 5113.3871.2.42 re Max BT /Fin 8.76 Tf 1 0 0 1 3

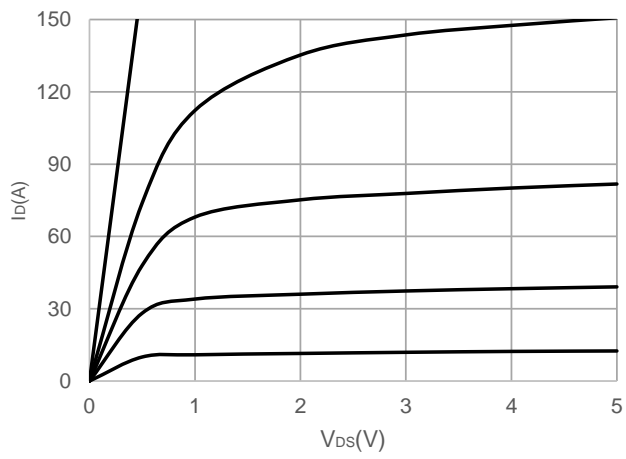
Off Characteristics

V<sub>(Min.)</sub>





## Typical Performance Characteristics



## Typical Performance Characteristics

Figure 11: Normalized Breakdown voltage vs. Junction Temperature

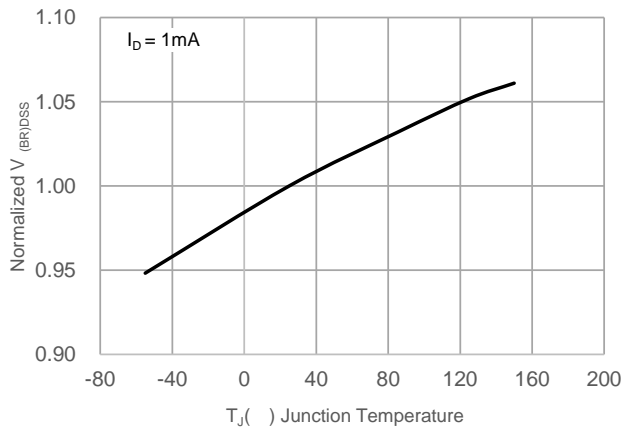
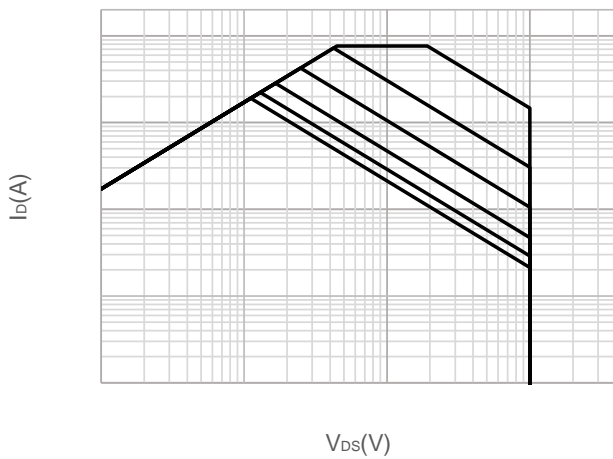
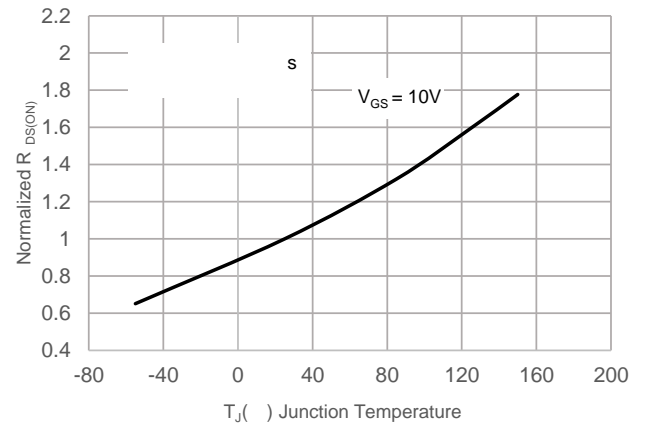


Figure 12: Normalized on Resistance vs. Junction Temperature



Test Circuit



Figure 1: Gate Charge Test Circuit & Waveform

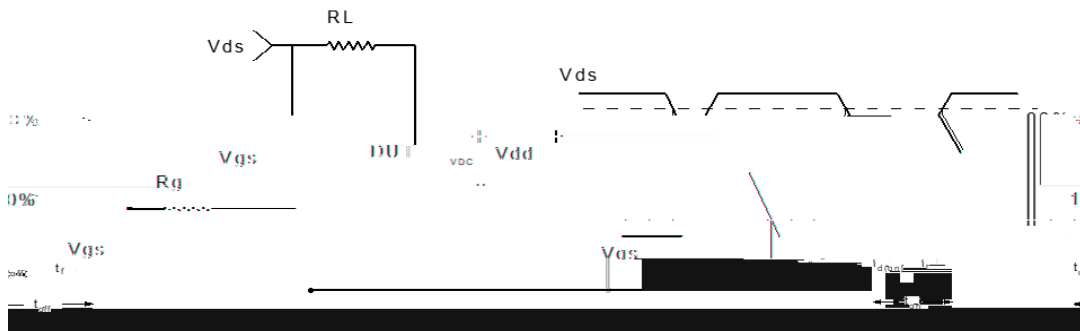


Figure 2: Resistive Switching Test Circuit & Waveform

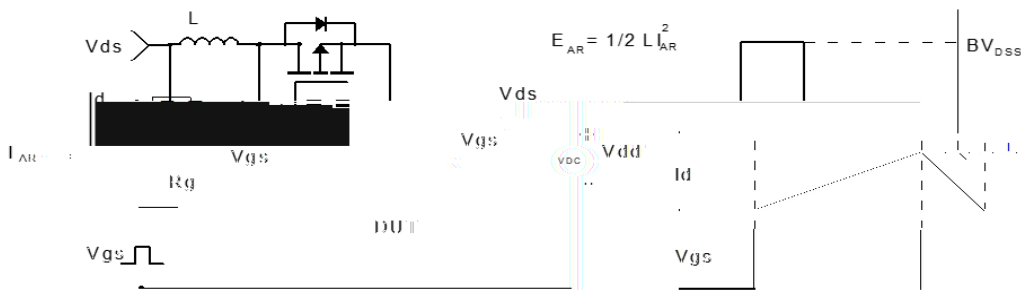


Figure 3: Unclamped Inductive Switching Test Circuit & Waveform

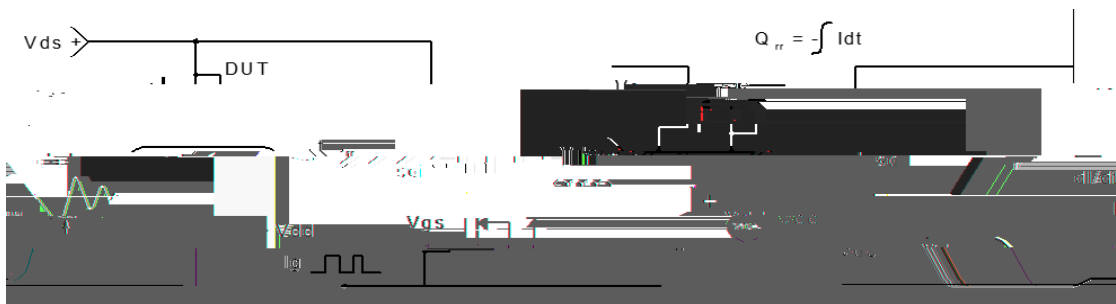


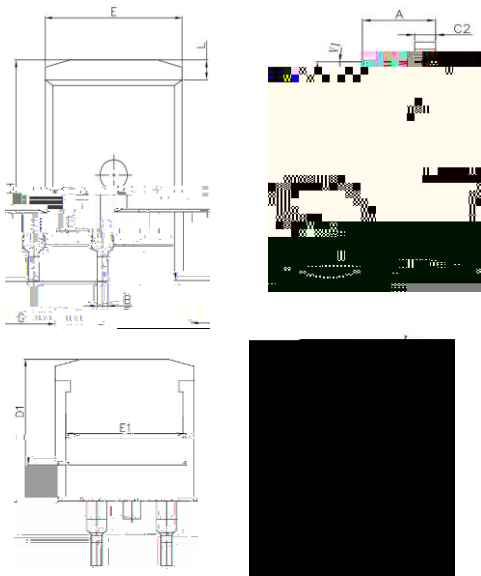
Figure 4: Diode Recovery Test Circuit & Waveform





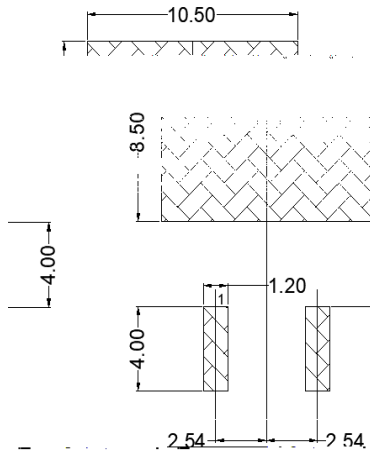
# Package Mechanical Data(TO-263 -3L)

## Package Outline



SYMBOL	DIMENSIONS		
	MIN	NOM	MAX
A	4.2	4.5	4.7
B	7.1	8.1	8.1
C	3.8	4.6	4.6
C2	1.0	1.0	1.0
D	7.4	7.5	7.5
E	10.0	10.2	10.2
E1	8.2	8.6	8.6
F	5.0	5.0	5.0
G	4.7	5.0	5.0
H	2.7	2.7	2.7
I	3.1	3.1	3.1
J	3.1	3.1	3.1
K	3.1	3.1	3.1
L	3.1	3.1	3.1
M	3.1	3.1	3.1
N	3.1	3.1	3.1
O	3.1	3.1	3.1
P	3.1	3.1	3.1
Q	3.1	3.1	3.1
R	3.1	3.1	3.1
S	3.1	3.1	3.1
T	3.1	3.1	3.1
U	3.1	3.1	3.1
V	3.1	3.1	3.1
W	3.1	3.1	3.1
X	3.1	3.1	3.1
Y	3.1	3.1	3.1
Z	3.1	3.1	3.1

Land Pattern  
(Only for Reference)



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