

Peak pulse voltage ($T_j=25$; non-repetitive, of state; FIG.8)	V_{pp}	4.5	kV
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ELECTRICAL CHARACTERISTICS ($T_j=25$ unless otherwise specified)

Symbol	Test Condition	Quadrant	Value		Unit
I_{GT}	$V_D = 12V$ $R_L = 33$	- -	MAX.	10	mA
V_{GT}		- -	MAX.	1	V
V_{GD}	$V_D = V_{DRM}$ $T_j = 125$ $R_L = 3.3K$	- -	MIN.	0.2	V
I_L	$I_G = 1.2I_{GT}$	-	MAX.	25	mA
				30	
I_H	$I_T = 500mA$		MAX.	20	mA
dV/dt	$V_D = 540V$ Gate Open $T_j = 125$		MIN.	500	V/ μs
$(dI/dt)_c$	$(dV/dt)_c = 0V/\mu s$, $T_j = 125$		MIN.	3	A/ms

ORDERING INFORMATION

ACJT1210-8E

FIG.7: Relative variations of gate trigger current, holding current and latching current versus junction temperature

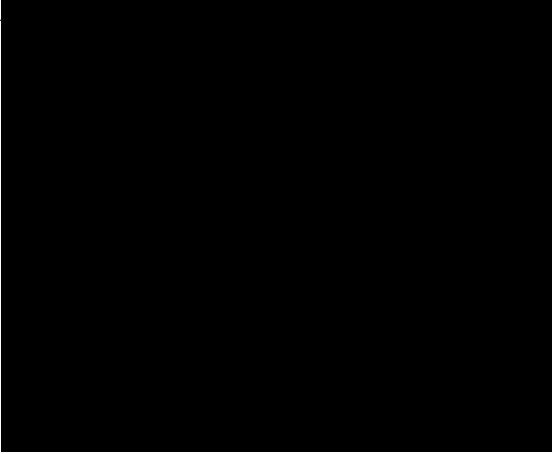
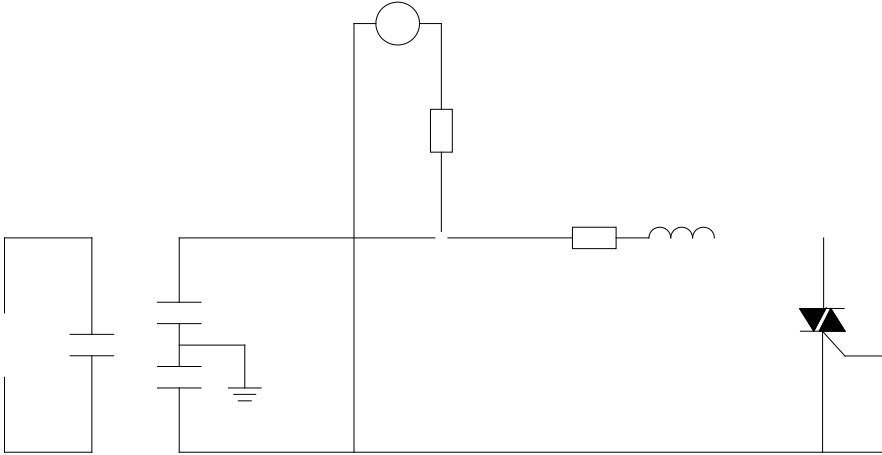
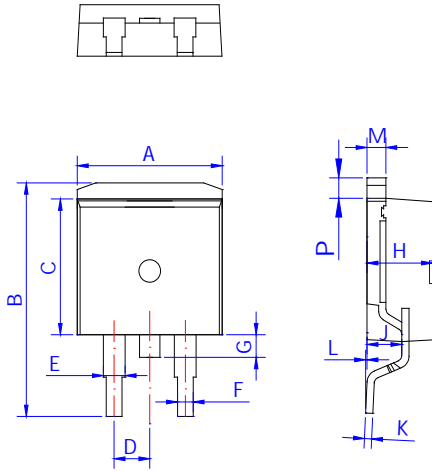


FIG.8 Test circuit for inductive and resistive loads to 100-5 standards

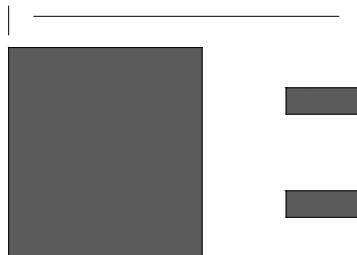


PACKAGE MECHANICAL DATA



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	9.90		10.20	0.390		0.402
B	14.70		15.80	0.579		0.622
C	9.40		9.60	0.37		0.378
D	2.40		2.70	0.094		0.106
E	1.20		1.50	0.047		0.059
F	0.75		0.85	0.029		0.033
G	1.00		1.50	0.039		0.059
H	4.40		4.70	0.173		0.185
J	2.30		2.70	0.091		0.106
K	0.38		0.55	0.015		0.022
L	0	0.10	0.25	0	0.004	0.010
M	1.25		1.35	0.049		0.053
P	1.20		1.50	0.047		0.059

FOOTPRINT TO-263 (dimensions in mm)



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