





# YJP240G10H

**Electrical Characteristics** ( $T_J=25$  unless otherwise noted)

	Symbol	Conditions	Min	Typ	Max	
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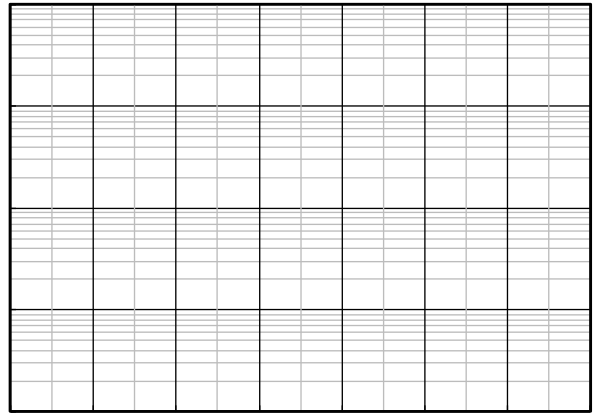
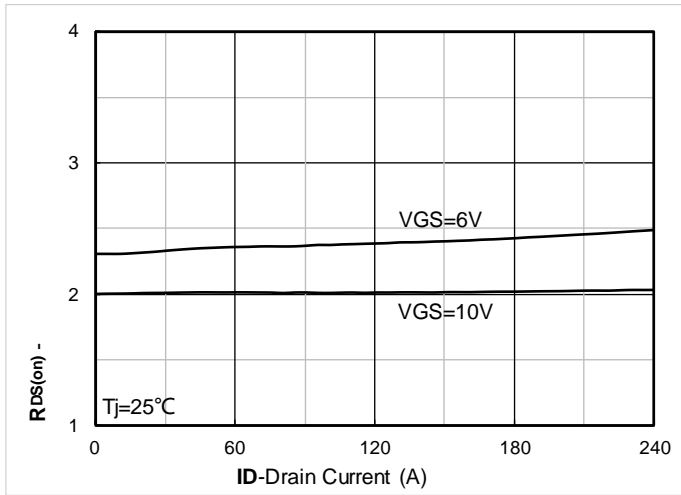


Figure 7.  $R_{DS(on)}$

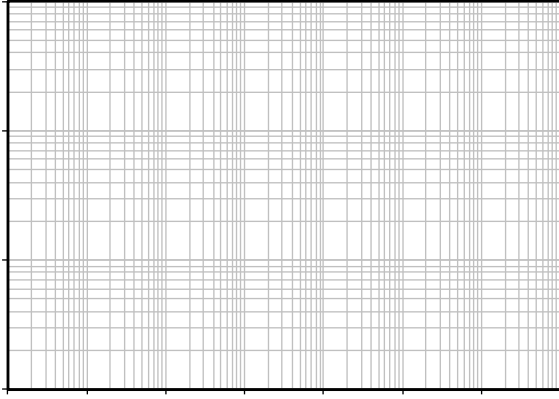


Figure 13. Maximum Transient Thermal Impedance

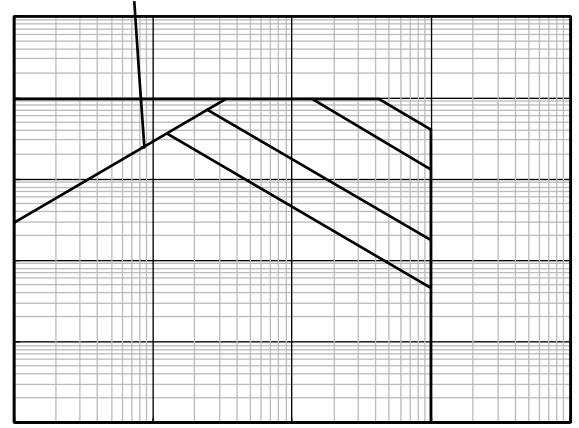


Figure 14m Transient Thermal

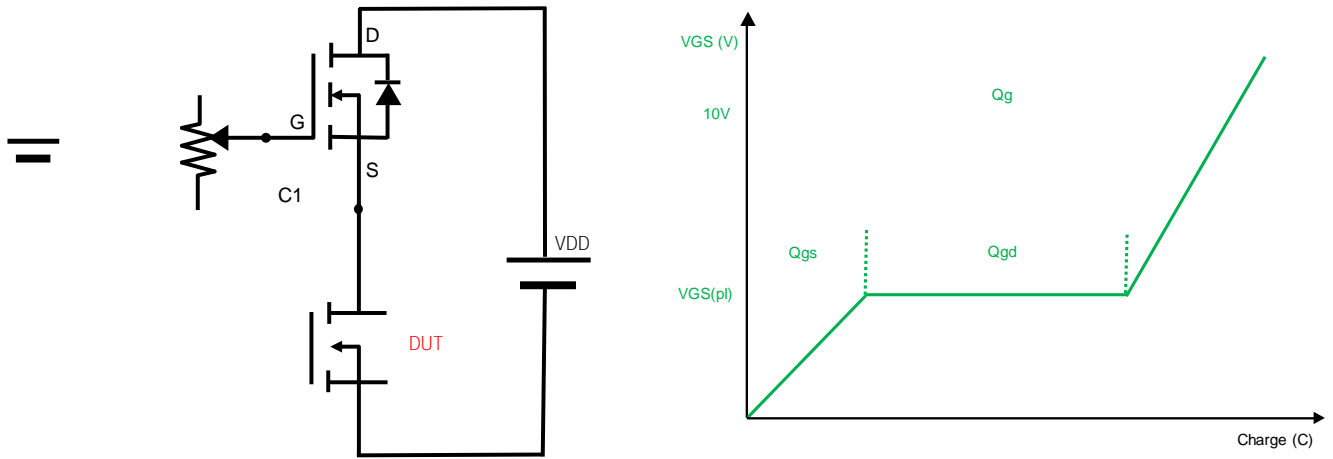


Figure B. Gate Charge Test Circuit & Waveform

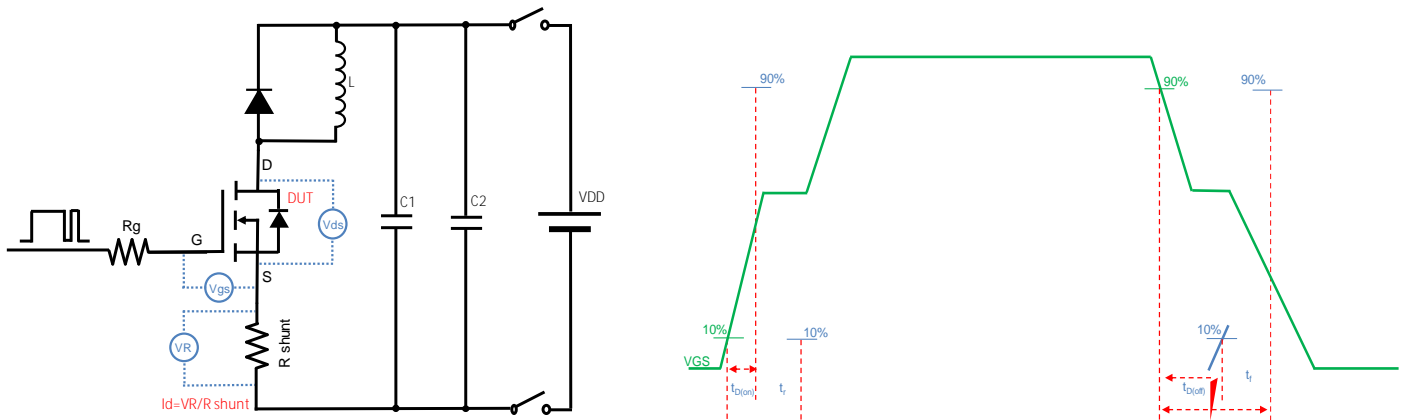


Figure C. Resistive Switching Test Circuit & Waveform

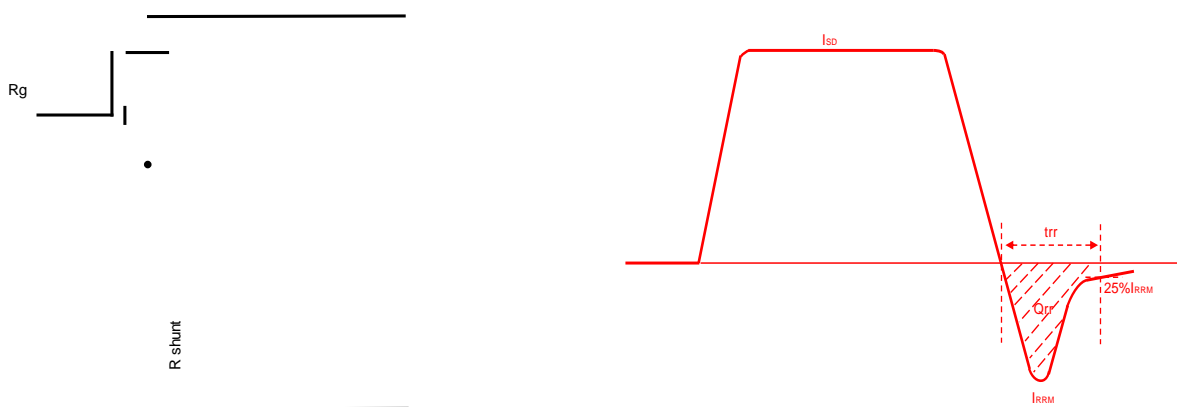
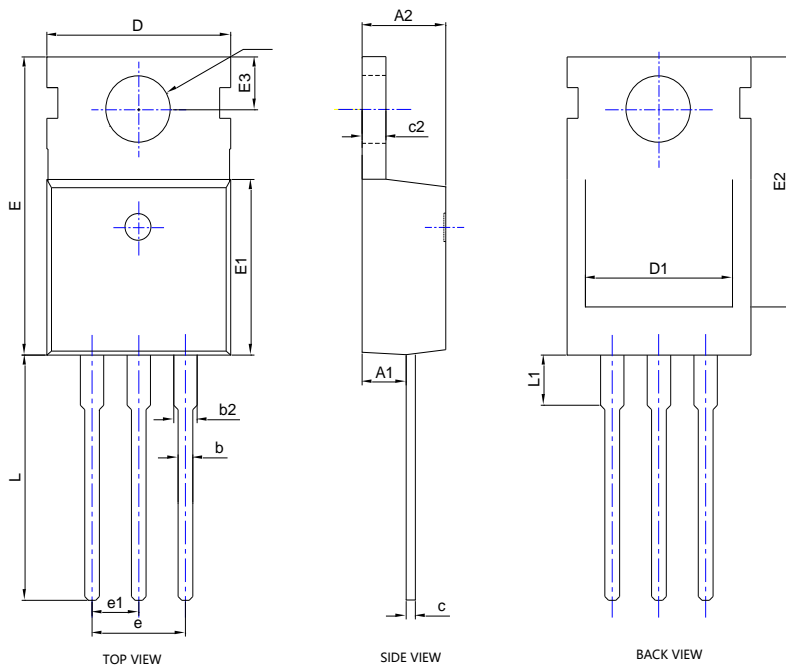


Figure D. Diode Recovery Test Circuit & Waveform



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## TO-220AB-E Package information



SYMBOL	DIMENSIONS			
	INCHES		Millimeter	
	MIN.	MAX.	MIN.	MAX.
A1	0.093	0.114	2.350	2.900
A2	0.176	0.184	4.470	4.670
b	0.028	0.036	0.710	0.910
b2	0.048	0.054	1.220	1.360
c	0.019	0.024	0.470	0.600
c2	0.047	0.055	1.200	1.400
D	0.382	0.408	9.700	10.370
D1	0.276	0.350	7.000	8.890
E	0.579	0.622	14.700	15.800
E1	0.350	0.373	8.900	

NOTE:  
1.PACKAGE BODY SIZES EXCLUDE MOLD FLASH AND GATE BURRS.  
2.TOLERANCE 0.1mm UNLESS OTHERWISE SPECIFIED.



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