

Parameter	Condition	Symbol	Value 1	Value 2	Units
Thermal Resistance Junction-to-Ambient ^D	Steady-State	R_{JA}	40	50	/W
Thermal Resistance Junction-to-Case	Steady-State	R_{JC}	0.9	1.1	

(Example)

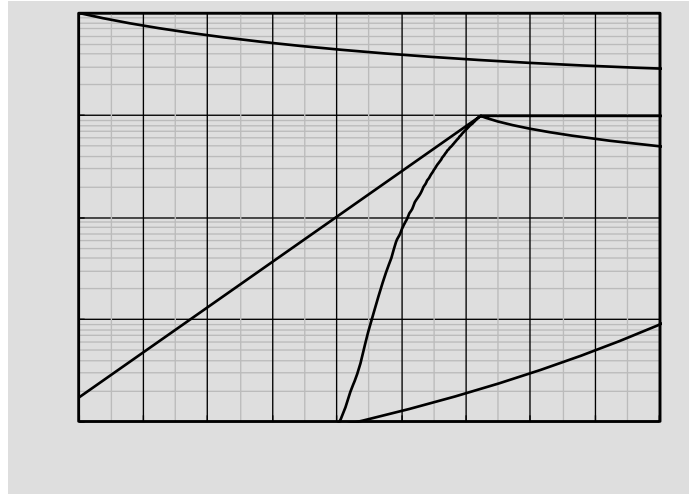
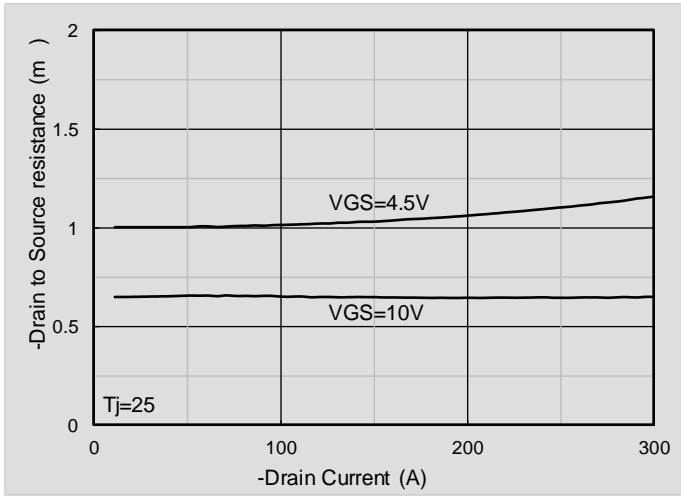
Part Number	Package	Part Number	Quantity 1	Quantity 2	Quantity 3	Reel Size
YJG300G04AR	F1	G300G04AR	5000	10000	100000	13" reel

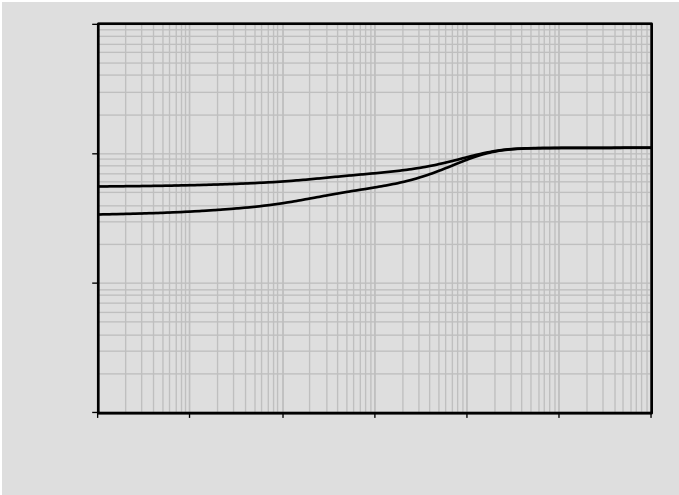


(T_J=25 unless otherwise noted)

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Drain-Source Breakdow1.0 |





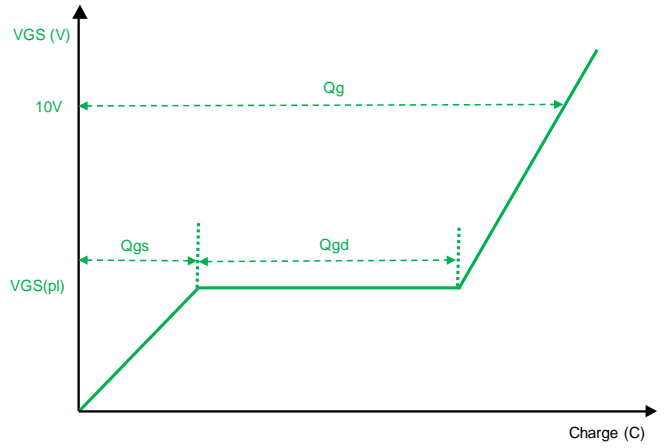
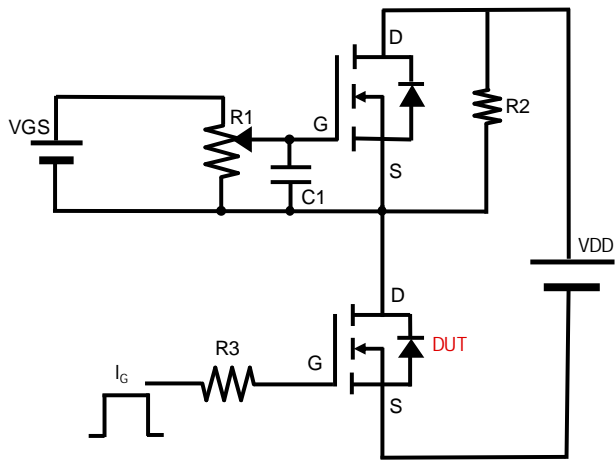
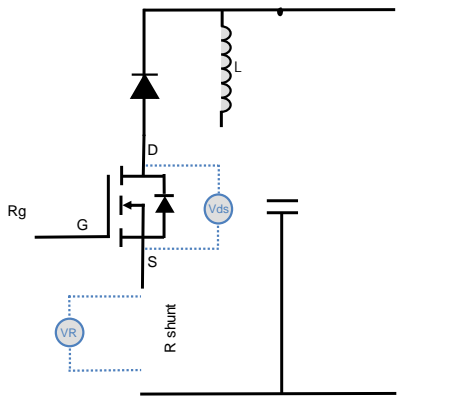
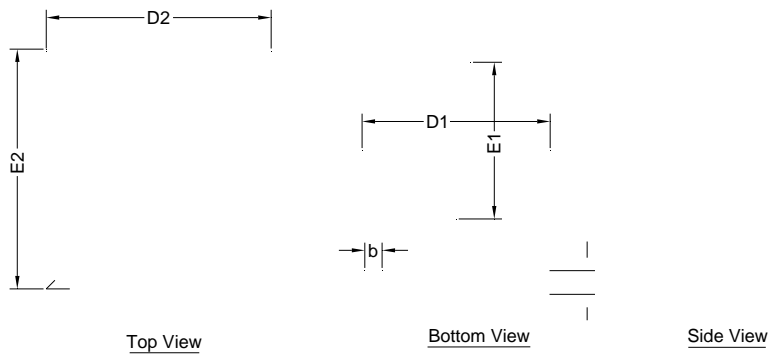


Figure B. Gate Charge Test Circuit & Waveform





SYMBOL	MILLIMETER		
	MIN	NOM	MAX
D	5.15	5.35	5.55
E	5.95	6.05	6.15
A	0.85	0.95	1.00
A1	0.203 BSC		
A2			0.08
D1	4.25	4.35	4.45
E1	3.525	3.625	3.725
D2		5.20	
E2		5.55	
L1	0.45	0.55	0.65
L2	0.68 BSC		
b	0.3	0.4	0.5
e	1.27 BSC		

Note:

1. Controlling dimension: in millimeters.
2. General tolerance: $\pm 0.10\text{mm}$.
3. The pad layout is for reference purposes only.



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