

(T_C =25°C)

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V _{DS}	80	V
Gate-Source Voltage	V _{GS}	±20	V
Continuous Drain Current(TC=25°C)	I _{D@TC=25°C}	80	A
	I _{D@TC=75°C}	60	A
		50	

PJc0 G[Veds)15(D)-4(r)3(a)11(i)-4(n 1)

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Fig.1 Gate-Charge Characteristics

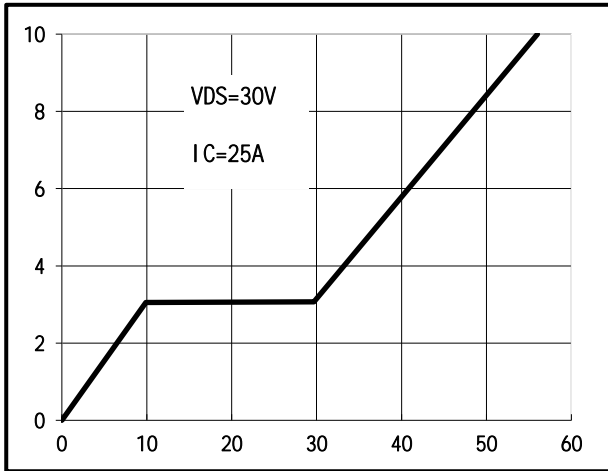


Fig.2 Capacitance Characteristics

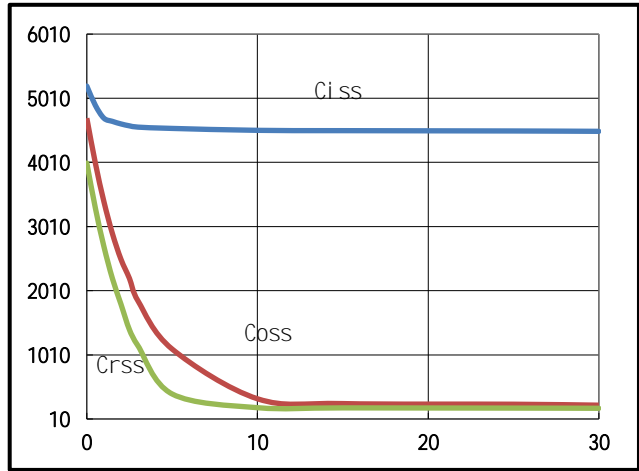


Fig.3 Power Dissipation

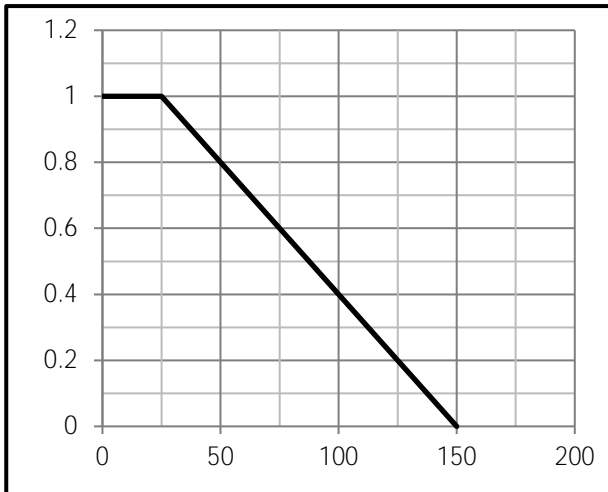


Fig.4 Typical output Characteristics

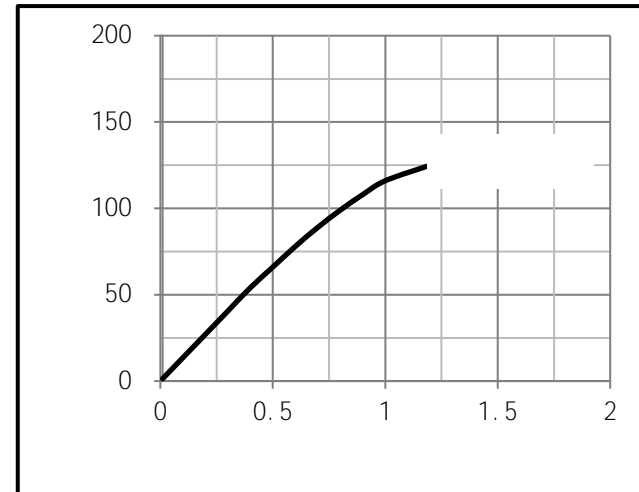


Fig.5 Threshold Voltage V.S Junction Temperature

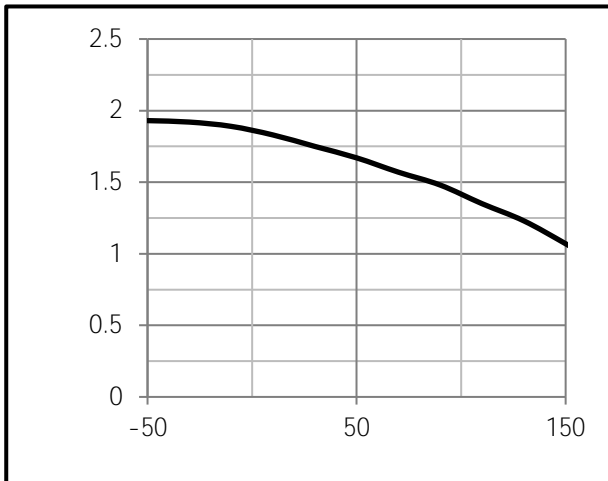
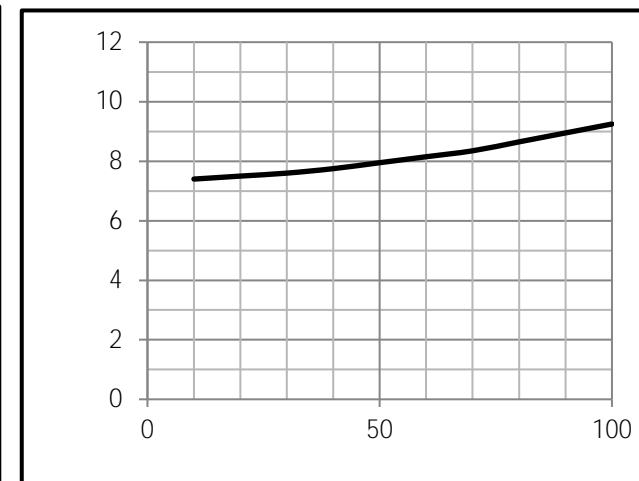


Fig.6 Resistance V.S Drain Current



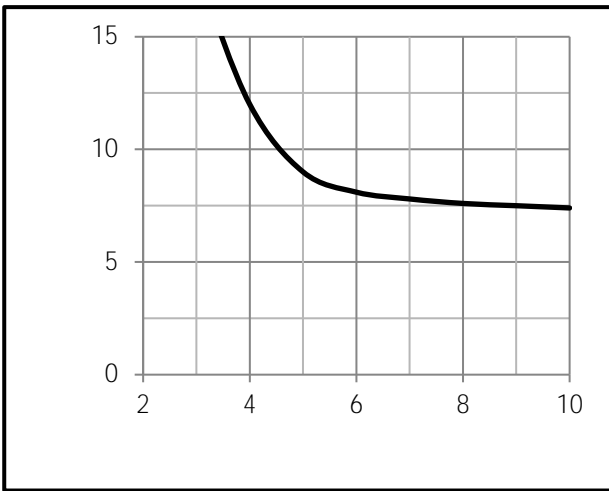


Fig.9 Switching Time Measurement Circuit

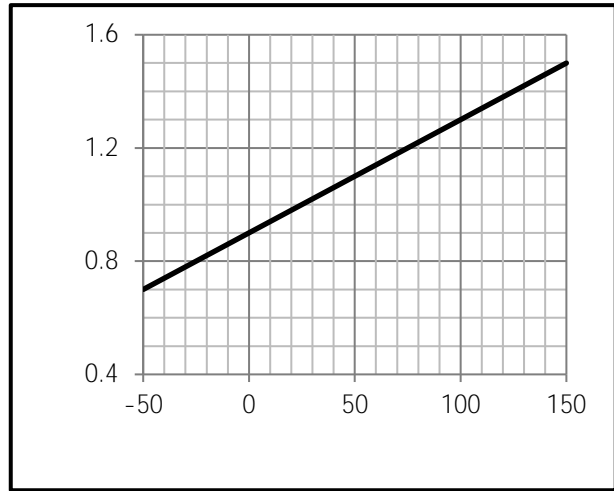


Fig.10 Gate Charge Waveform

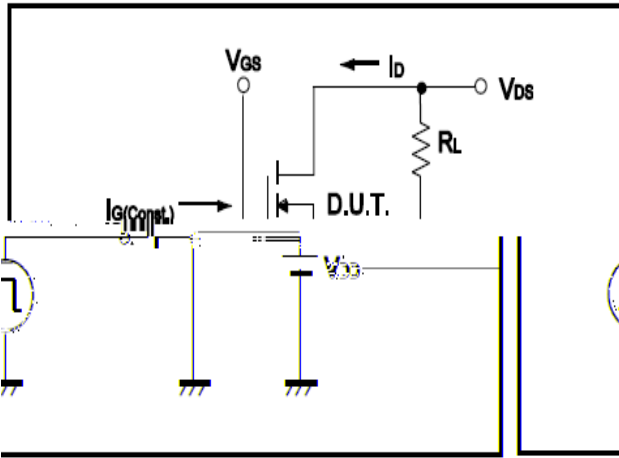


Fig.11 Switching Time Measurement Circuit

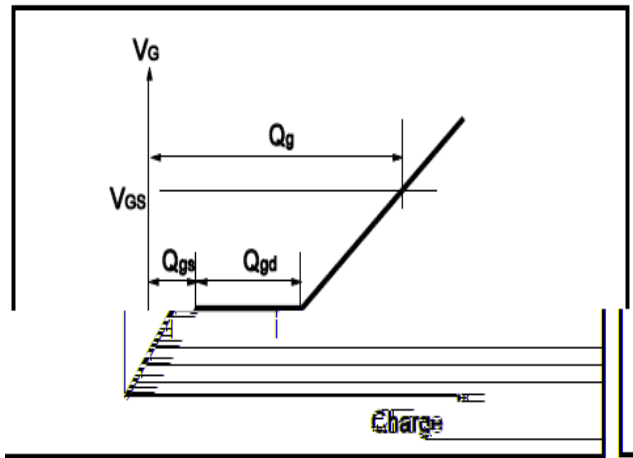
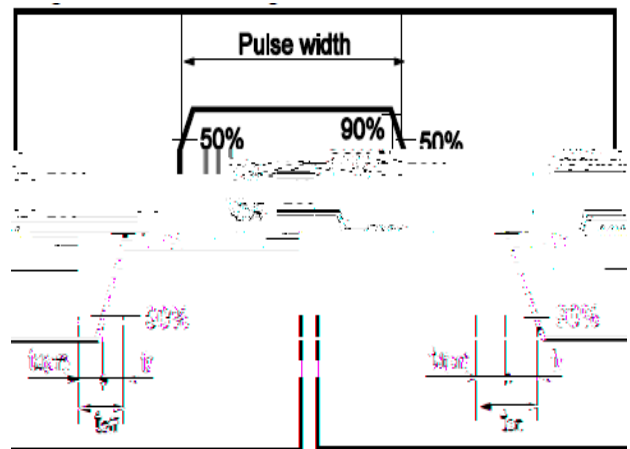
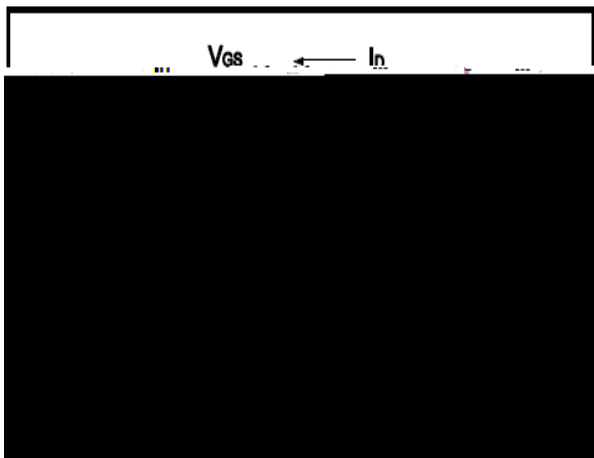


Fig.12 Gate Charge Waveform





(DFN5x6)

Unit mm

