



Ordering Information:

Absolute Maximum Ratings $T_C = 25$

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V_{DS}	100	V
Gate-Source Voltage	V_{GS}	± 20	V
Continuous Drain Current	$I_{D@TC=25}$	30	A
	$I_{D@TC=75}$	22.8	A
	$I_{D@TC=100}$	19	A
Pulsed Drain Current	I_{DM}	90	A
Total Power Dissipation	$P_D@TC=25$	60	W
Total Power Dissipation	$P_D@TA=25$		

Fig.5 Threshold Voltage V.S Junction Temperature Fig.6 Resistance V.S Drain Current

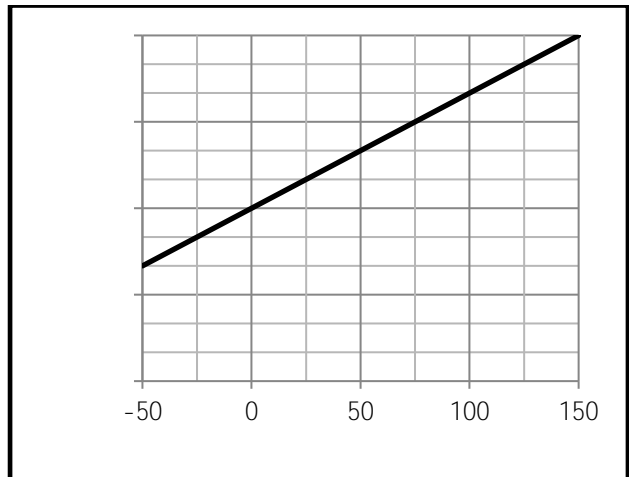
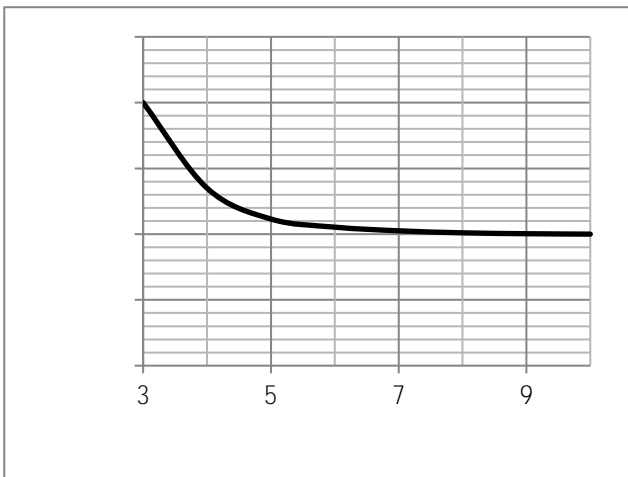
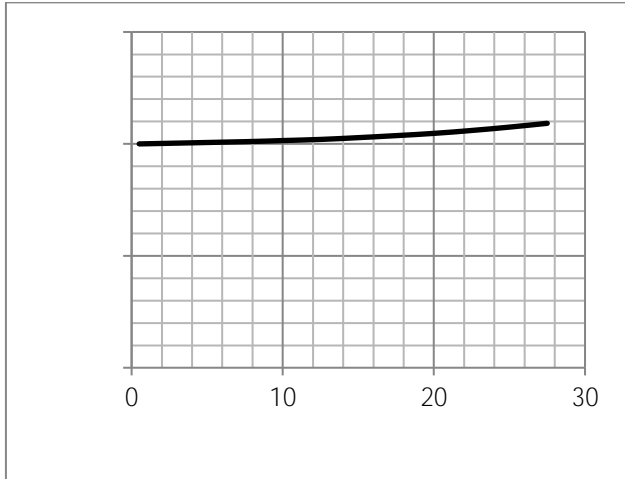
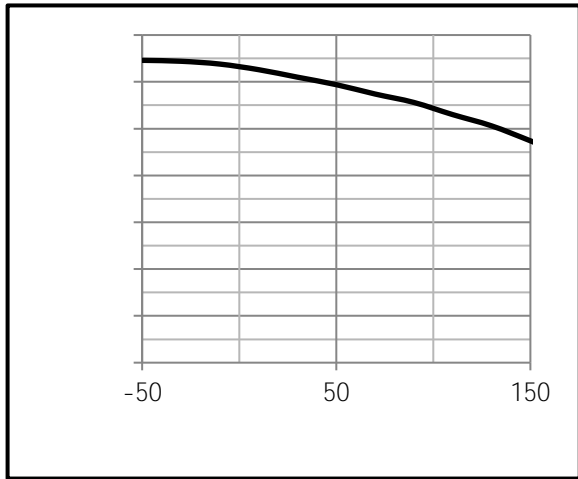


Fig.9 Switching Time Measurement Circuit

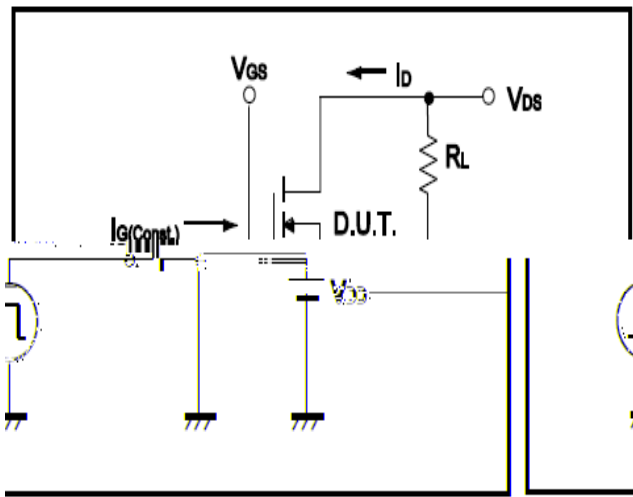


Fig.10 Gate Charge Waveform

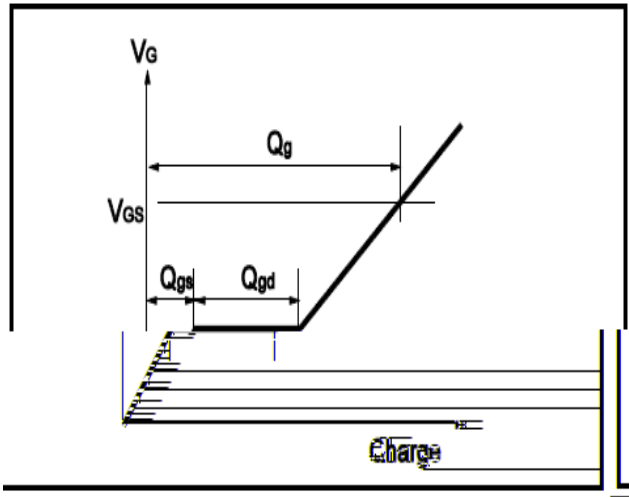


Fig.11 Switching Time Measurement Circuit

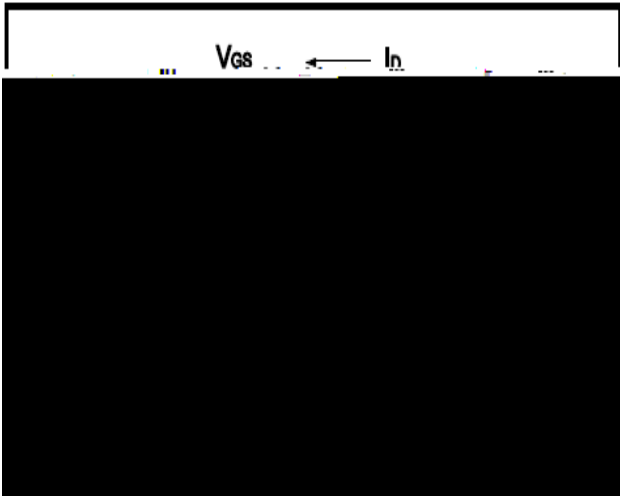
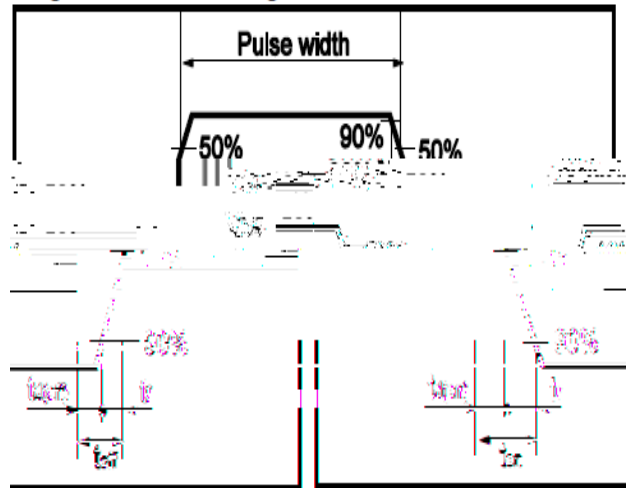


Fig.12 Gate Charge Waveform





Dimensions DFN5x6

Unit mm

