



T_c =25

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V _{DS}	120	V
Gate-Source Voltage	V _{GS}	±20	V
Continuous Drain Current	I _{D@TC=25}	75	A
	I _{D@TC=75}	57	A
	I _{D@TC=100}	47	A
Pulsed Drain Current	I _{DM}	225	A

Total Power Dissipation(TC=25)



Fig.5 Threshold Voltage V.S Junction Temperature

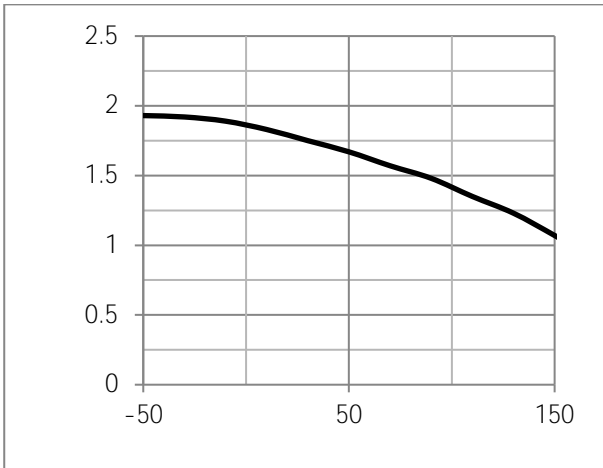


Fig.6 Resistance V.S Drain Current

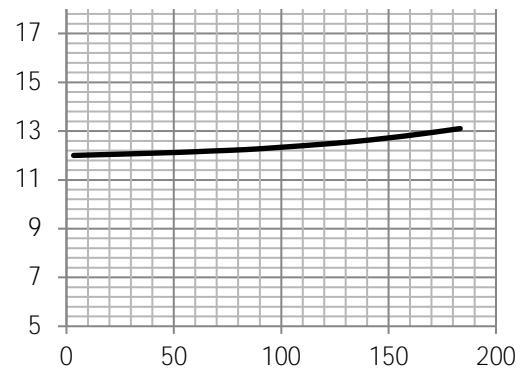


Fig.7 On-Resistance VS Gate Source Voltage

Fig.8 On-Resistance V.S Junction Temperature

Fig.9 Switching Time Measurement Circuit

Fig.10 Gate Charge Waveform



Fig.11 Switching Time Measurement Circuit

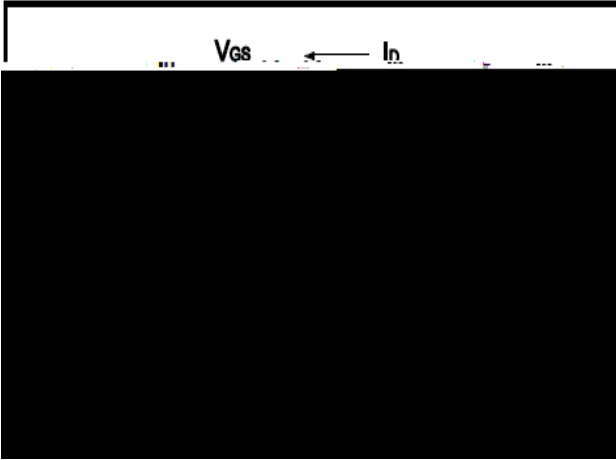
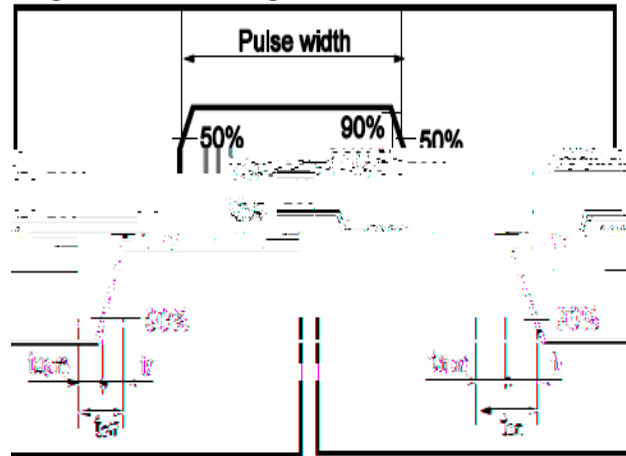


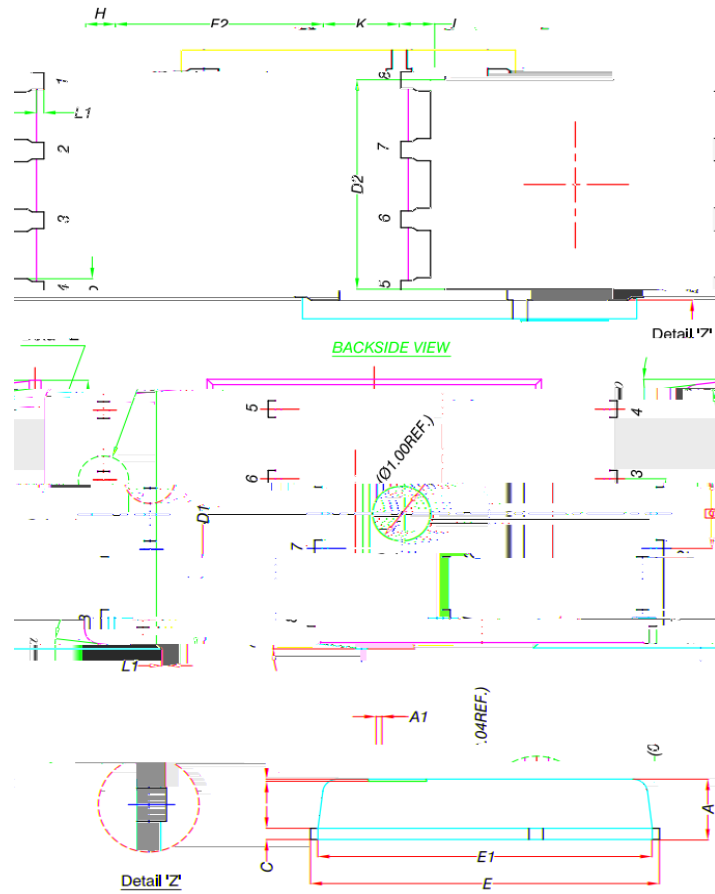
Fig.12 Gate Charge Waveform





sions DFN5x6

Unit mm



DIM.	MILLIMETERS		
	MIN.	NOM.	MAX.
A	0.90	1.00	1.10
A1	0	-	0.05
b	0.33	0.41	0.51
C	0.20	0.25	0.30
D1	4.80	4.90	5.00
D2	3.61	3.81	3.96

1	5.70	5.75	5.80	E
E2	3.38	3.58	3.78	
e	1.27 BSC			
H	0.45	0.51	0.61	
K	1.10			
L1	0.51	0.61	0.66	
3	0.20	0.06	0.1	
b				