



□

T_C =25

Parameter	Symbol	Rating	Unit
Drain-Source Voltage	V _{DS}	-20	V
Gate-Source Voltage	V _{GS}	12	V
Continuous Drain Current	I _{D@TC=25}	-60	A
	I _{D@TC=75}	-45	A
	I _{D@TC=100}	-38	A
Pulsed Drain Current	I _{DM}	-150	A
Total Power Dissipation	P _D	18	W
Total Power Dissipation(TA=25)	P _{D@TA=25}	0.9	W
Operating Junction Temperature	T _J	-55 to 150	
Storage Temperature	T _{STG}	-55 to 150	



Fig.1 Gate-Charge Characteristics

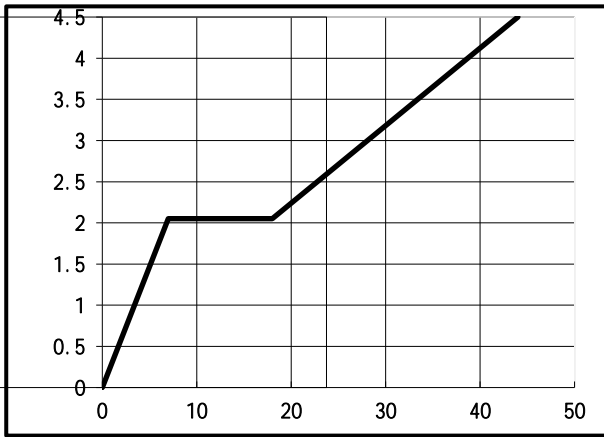


Fig.2 Capacitance Characteristics

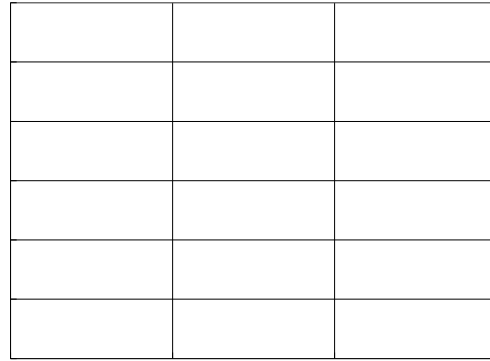


Fig.2 Power Dissipation

Fig.3 Typical output Characteristics

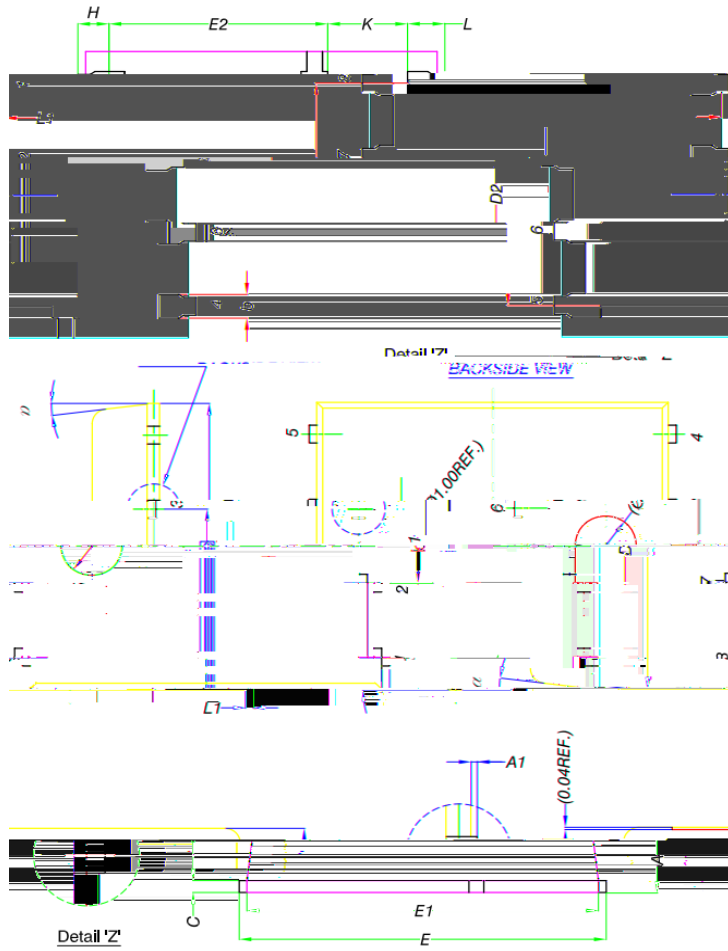
Fig.4 Threshold Voltage V.S Junction Temperature

Fig.5 Resistance V.S Drain Current





Unit mm



MILLIMETERS

D1	4.80	4.90	5.00
D2	3.67	3.81	3.95
F	5.90	6.00	6.10
E1	5.20	5.25	5.30
e	1.27 BSC		
H	0.41	0.51	0.61
K	1.10	-	-
L	-	0.51	0.61
12	0.25	0.51	0.06
12°	12°		