





Thermal resistance

Parameter	Symbol	Min.	Typ.	Max.	Unit
Thermal resistance, junction - case	R_{thJC}	-	-	1.5	° C/W
Thermal resistance, junction - ambient	R_{thJA}	-	-	40	° C/W
Soldering temperature, wave soldering for 10s	T_{sold}	-	-	265	° C

Electronic Characteristics

Parameter	Symbol	Condition	Min.	Typ	Max.	Unit
Drain-Source Breakdown Voltage	BV_{DSS}	V_{GS}				

Turn-Off Delay time				24		ns
Turn-Off Fall time				12		ns
				23		ns
				11		ns
				8		ns
				24		ns

Note: ;

Fig.1 Power Dissipation

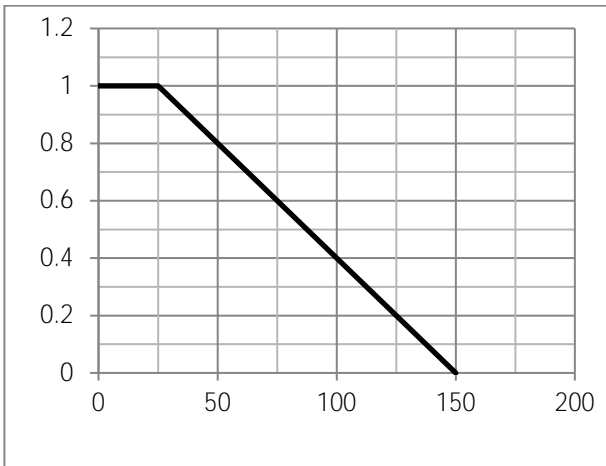


Fig.2 Typical output Characteristics

Fig.3 Threshold Voltage V.S Junction Temperature

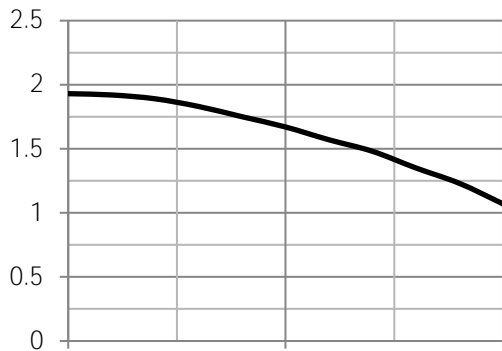


Fig.4 Resistance V.S Drain Current



Fig.9 S

Fig.15 Avalanche Measurement Circuit

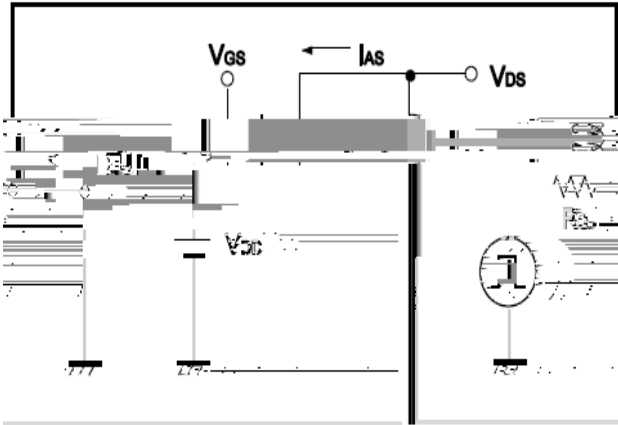
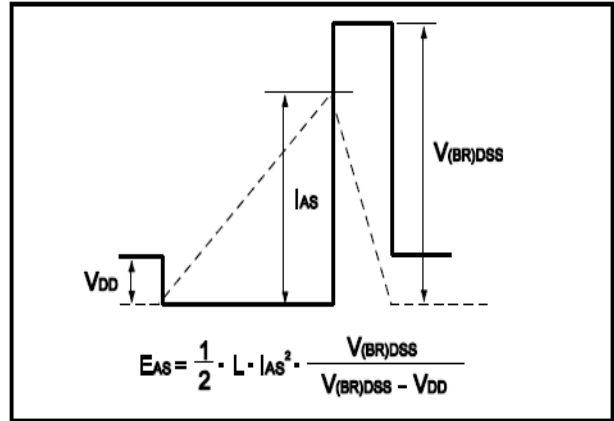


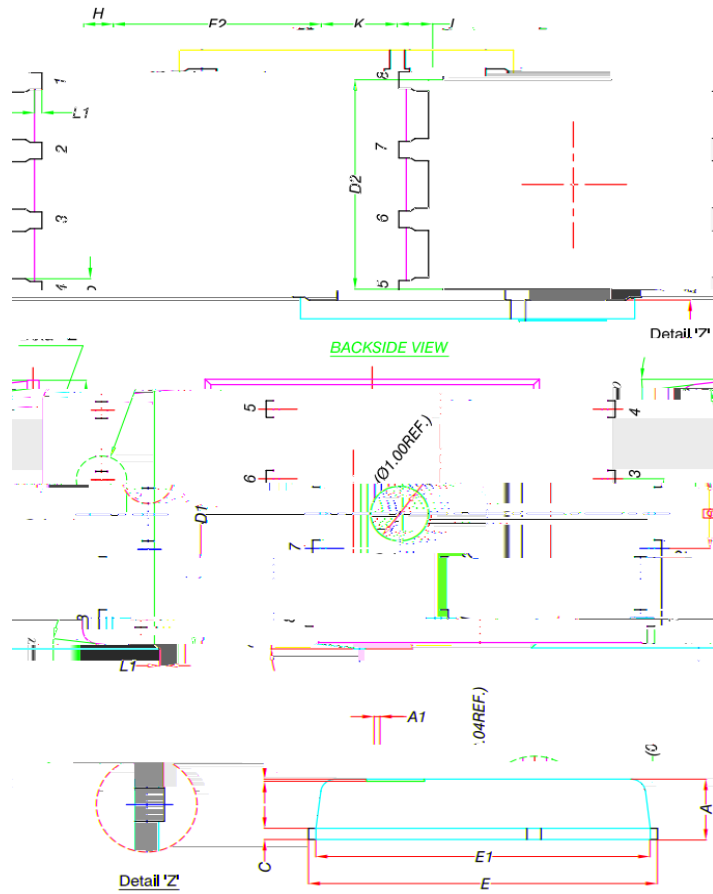
Fig.16 Avalanche Waveform





Dimensions DFN5x6

Unit mm



DIM.	MILLIMETERS		
	MIN	NOM	MAX
A	0.90	1.70	1.70
A1	0	0.05	0.05
b	0.33	0.41	0.51
C	0.20	0.25	0.3
D1	4.80	4.90	5.0
D2	3.61	3.81	3.9
E1	5.70	5.75	5.80
E2	3.30	3.35	3.4
H	0.61	0.41	0.51
K	0.61	0.71	0.81
L	0.61	0.71	0.81
L1	0.13	0.20	0.3
J	0.13	0.20	0.3