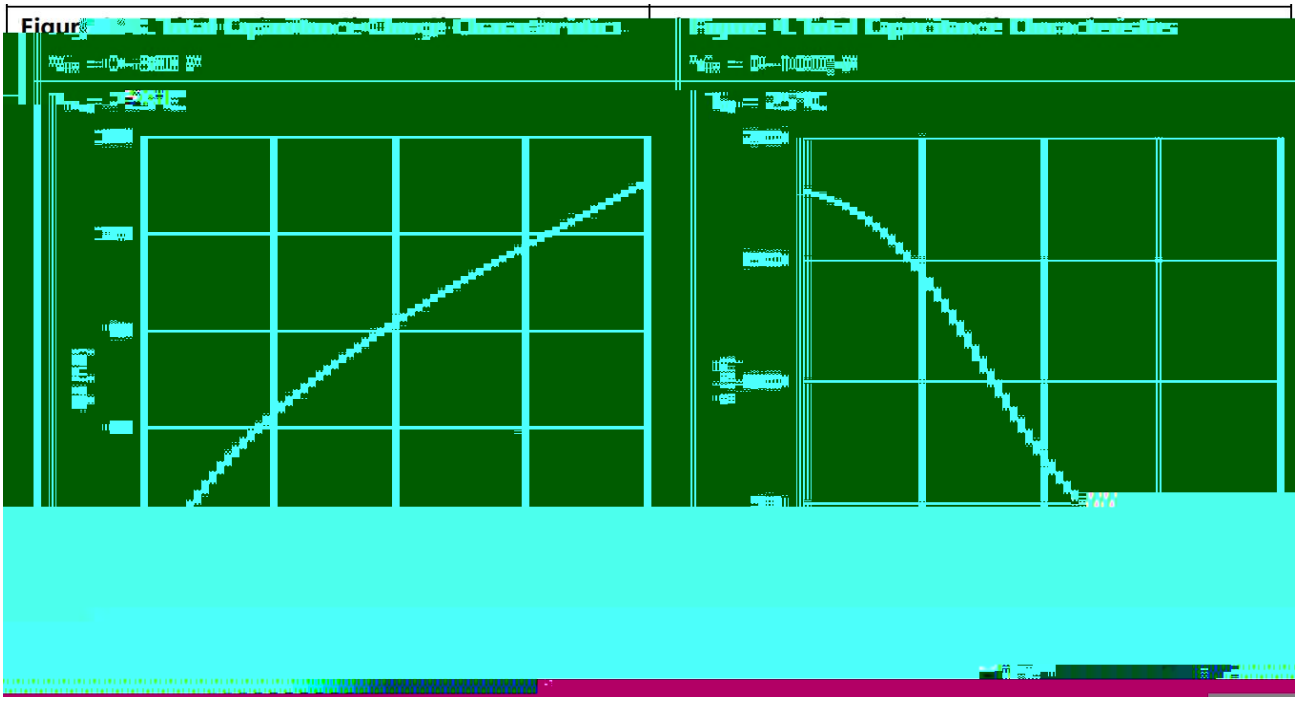
Forward Voltage Drop(Note2)						
I_R = 100μA			-	1200	-	
at I_F=30A	T_A=25°C		-	1.45	1.7	
	T_A=175°C		-	2.25	-	
Maximum Reverse Current at V_R=1200V	T_A=25°C		-	5	200	
	T_A=175°C		-	50	-	
Total capacitive charge	V_R = 800V		-	137	-	
Total capacitance	V_R = 1V, f = 1MHz		-	1440	-	
	V_R = 400V, f = 1MHz		-	126	-	
	V_R = 800V, f = 1MHz		-	104	-	
Capacitance stored energy	V_R = 800V		-	40	-	

Figure 1 V_F Typical Forward Characteristics



Figure 2



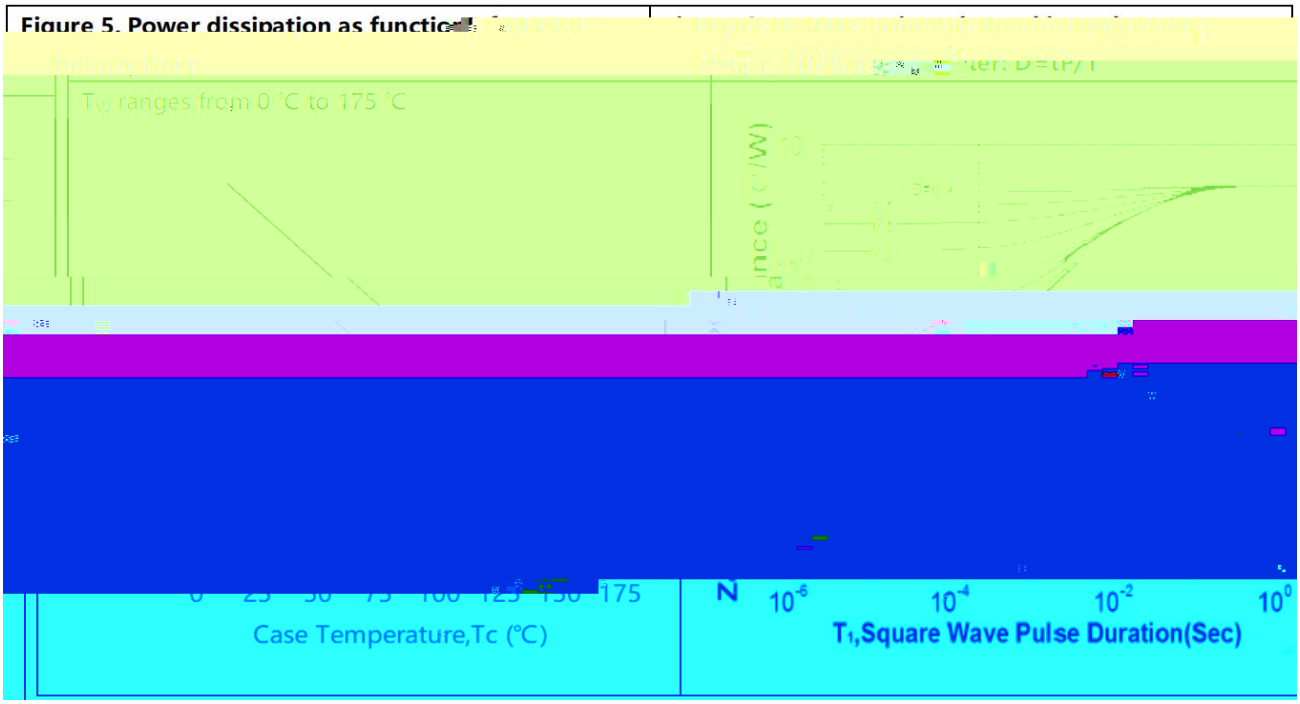


Figure 5. Power dissipation as functio
Tj ranges from 0 °C to 175 °C
Case Temperature,Tc (°C)
T1,Square Wave Pulse Duration(Sec)