

152		

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(SMPS)

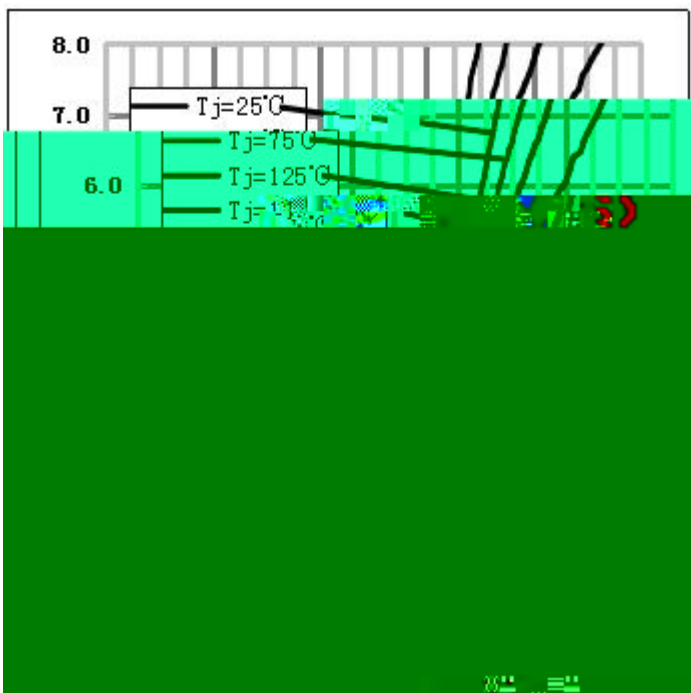
(PFC)

G5S06506HT	TO-220F	G5S06506HT

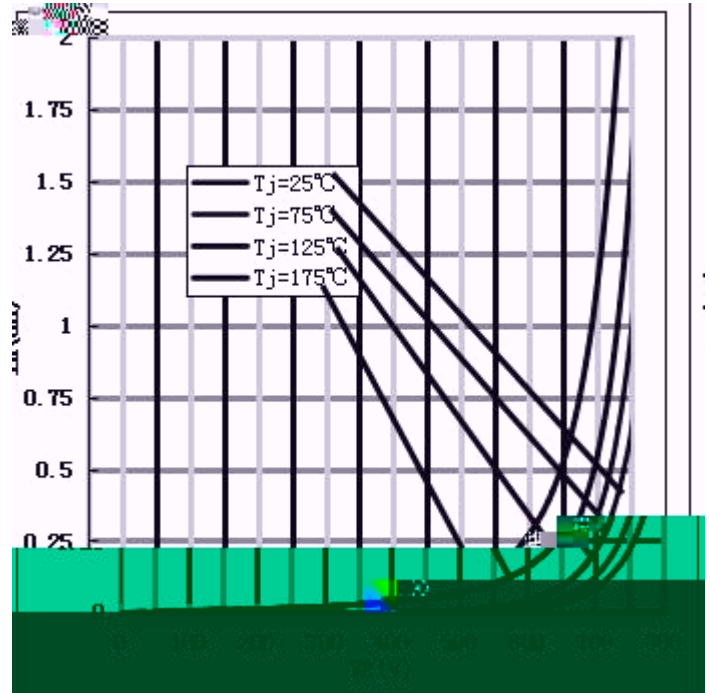
	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	$T_C=25$ $T_C=125$ $T_C=152$	18.5 9.5 6	A
	I_{FRM}	$T_C=25$, $tp=10ms$ Half Sine Wave $D=0.3$	30	A
	I_{FSM}	$T_C=25$, $tp=10ms$ Half Sine Wave	90	A
	P_{TOT}	$T_C=25$	60	W
		$T_C=110$	26	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

V_F	$I_F=6A, T_j=25$	1.3	1.5	V
	$I_F=6A, T_j=175$	1.6	1.8	
I_R	$V_R=650V, T_j=25$	0.2	50	μA
	$V_R=650V, T_j=175$	2.5	100	
	$V_R=400V, T_j=150$			
Q_C	$= \int_0^{\quad} (\quad)$	21	-	nC
C	$V_R=0V, T_j=25$			

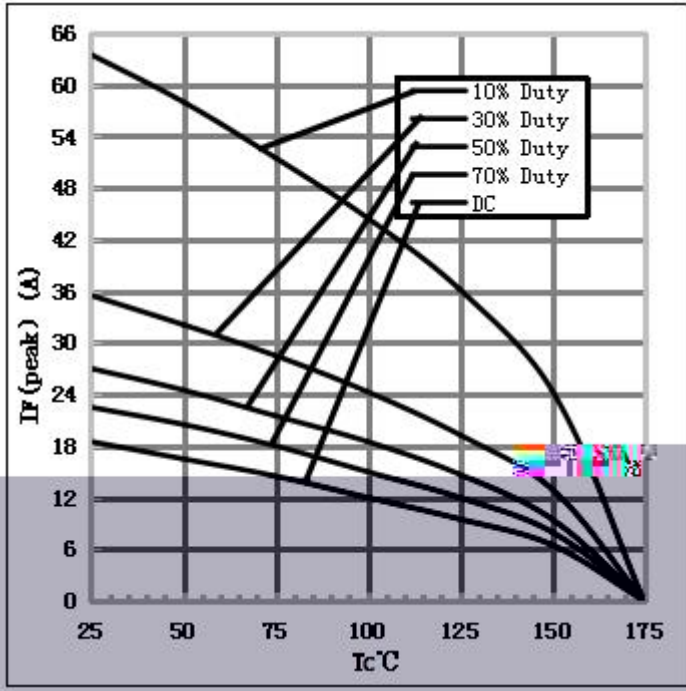
1) $I_F=f(V_F)$ T_j



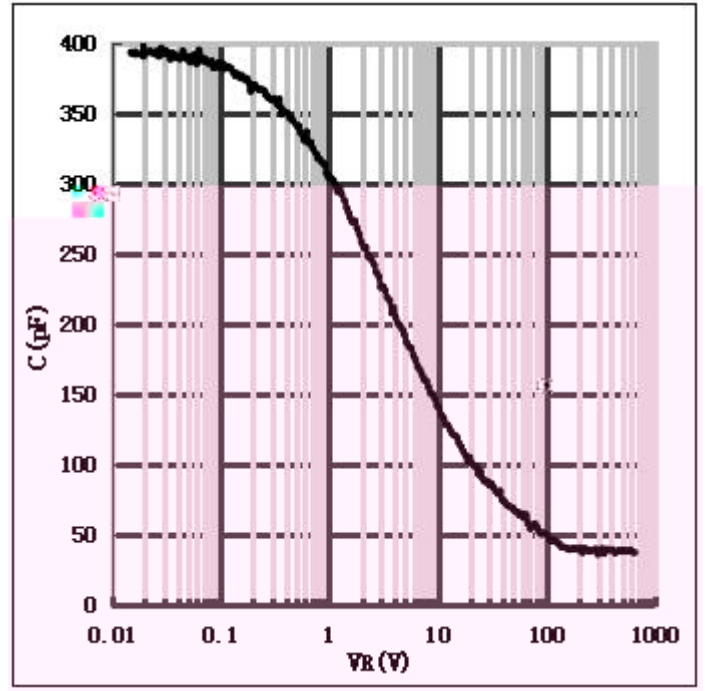
2) $I_R = f(V_R)$ T_j



3) C D
10% 30% 50% 70% DC



4) -



単位 : mm

