153		

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-

- (SMPS) (PFC)
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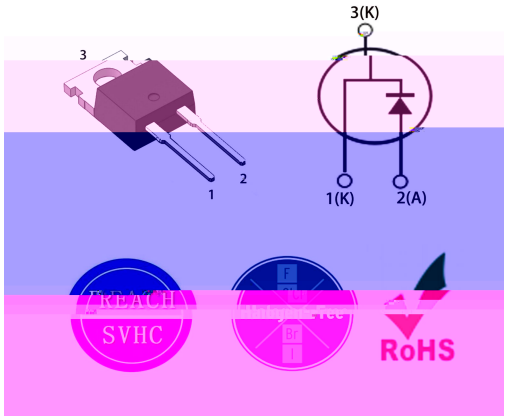


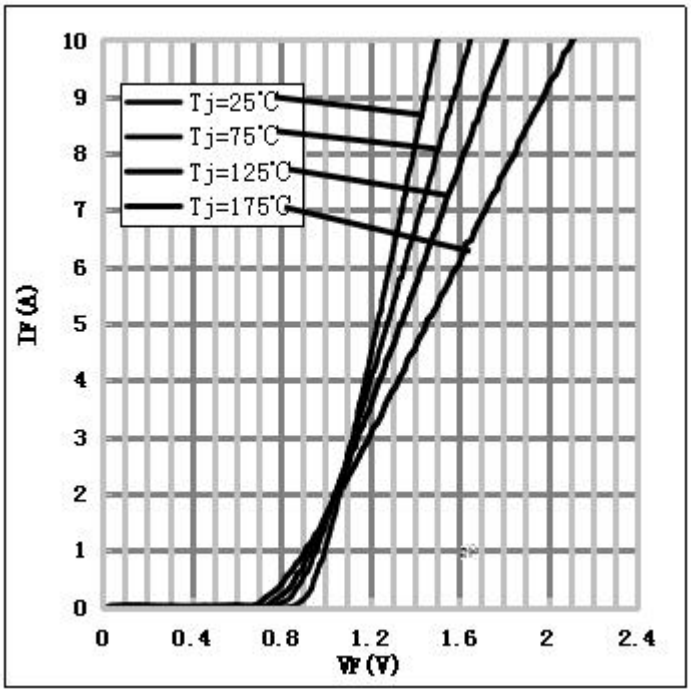
G4S06508AT	TO-220AC	G4S06508AT

	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	T_C=25 T_C=125 T_C=153	24.5 13.2 8	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	99	W
		T_C=110	43	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=8A, T_j=25	1.4	1.7	V
		I_F=8A, T_j=175	1.85	2.5	
	I_R	V_R=650V, T_j=25	0.2	50	μA
		V_R=650V, T_j=175	2.5	100	
	Q_C	V_R=400V, T_j=150 $= \int_0$ ( )	21	-	nC
	C	V_R=0V, T_j=25 , f=1MHZ	395	400	pF
		V_R=200V, T_j=25 , f=1MHZ	38	42	
		V_R=400V, T_j=25 , f=1MHZ	36	40	

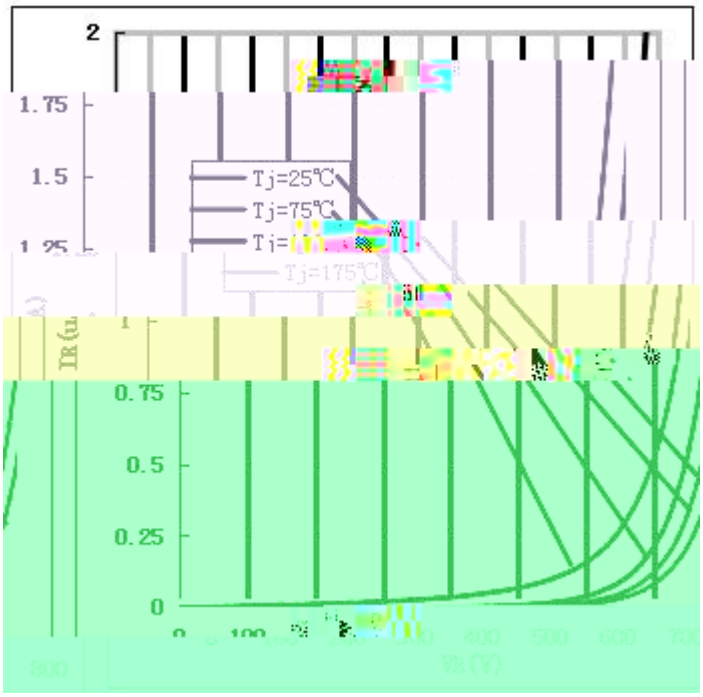
1)

IF=f(VF) Tj



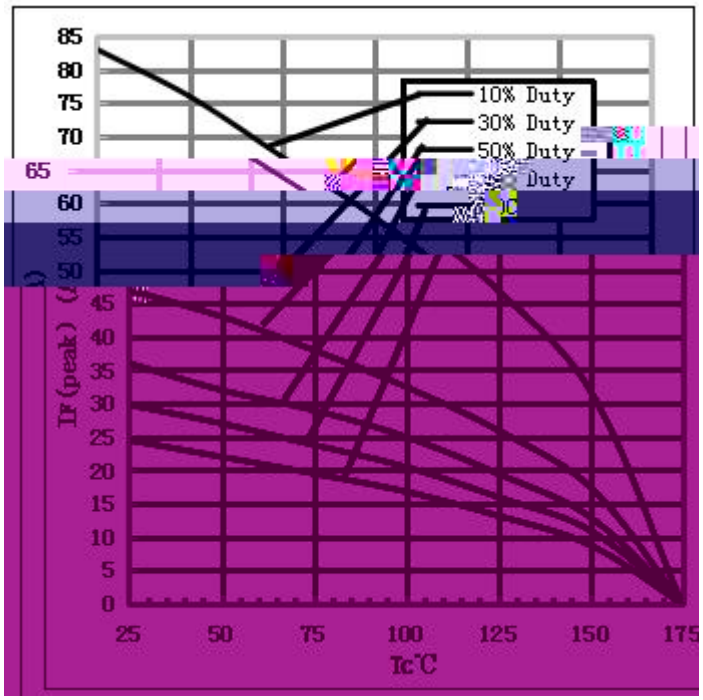
2)

I_R= (R) T

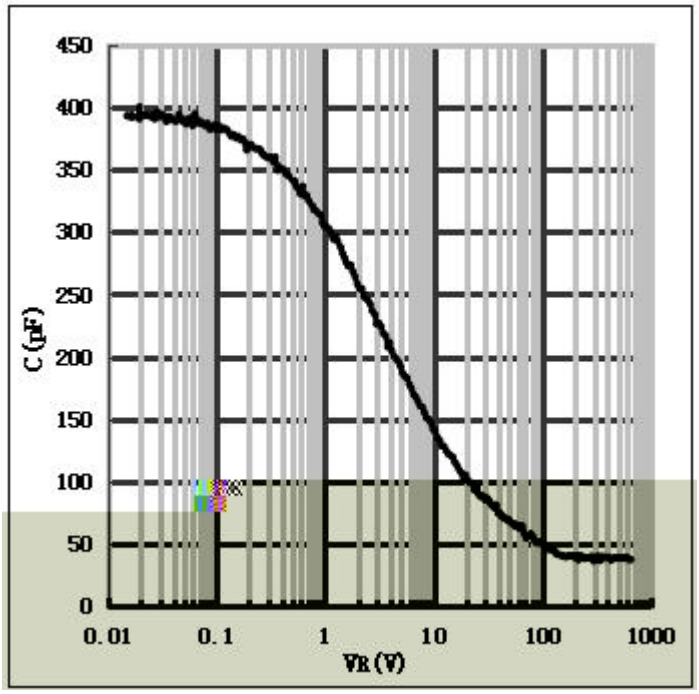


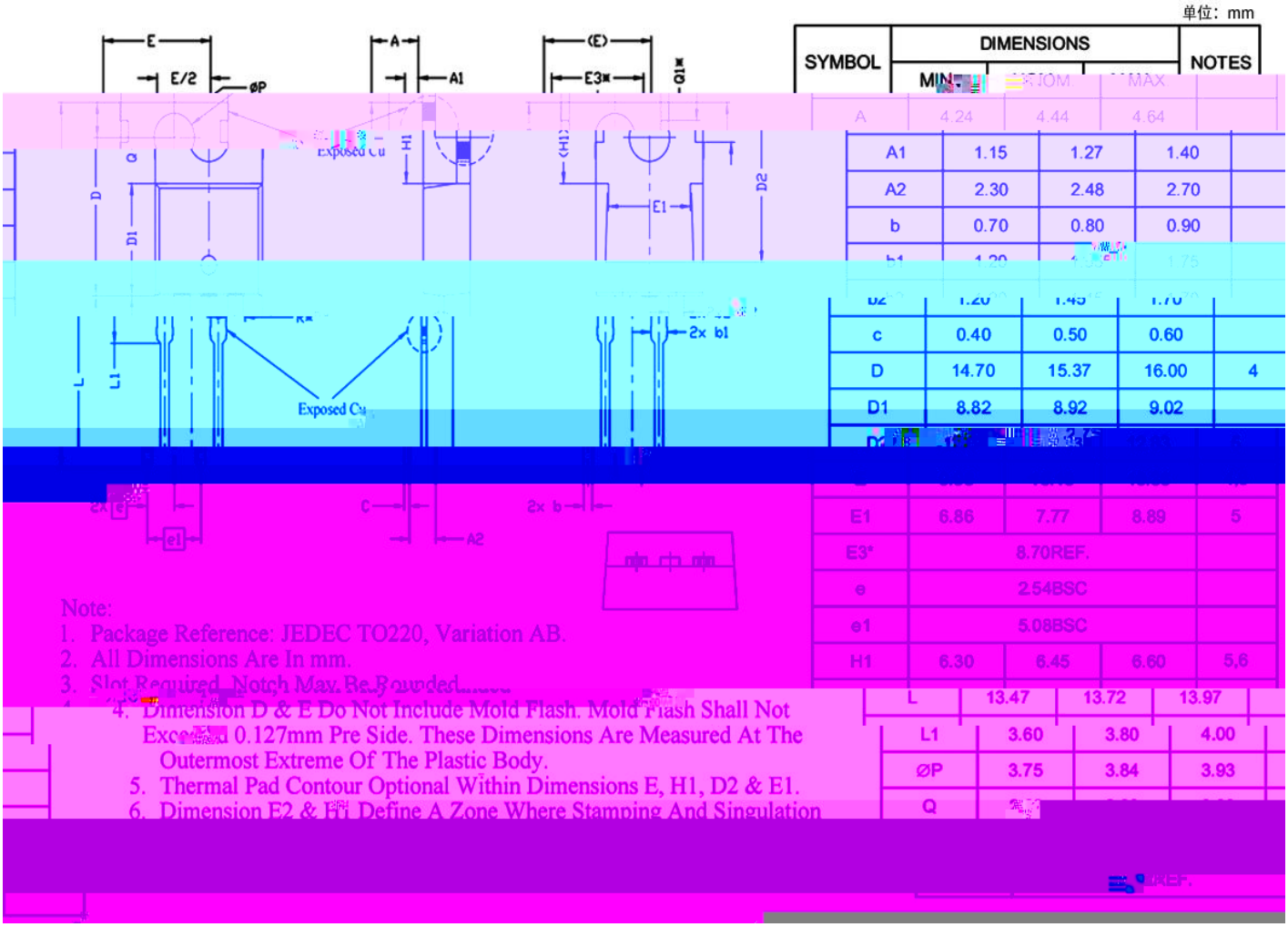
3) C D

10% 30% 50% 70% DC



4) -





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