

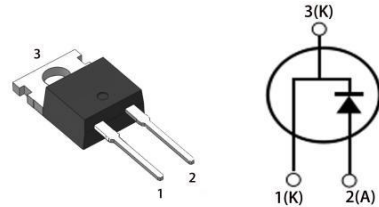
**G5S06506AT**

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160		

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(SMPS)

(PFC)

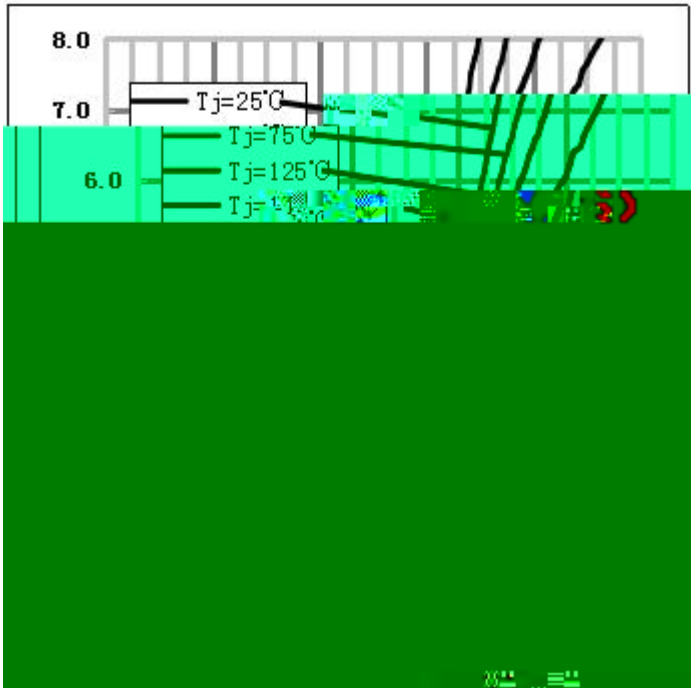


G5S06506AT	TO-220AC	G5S06506AT

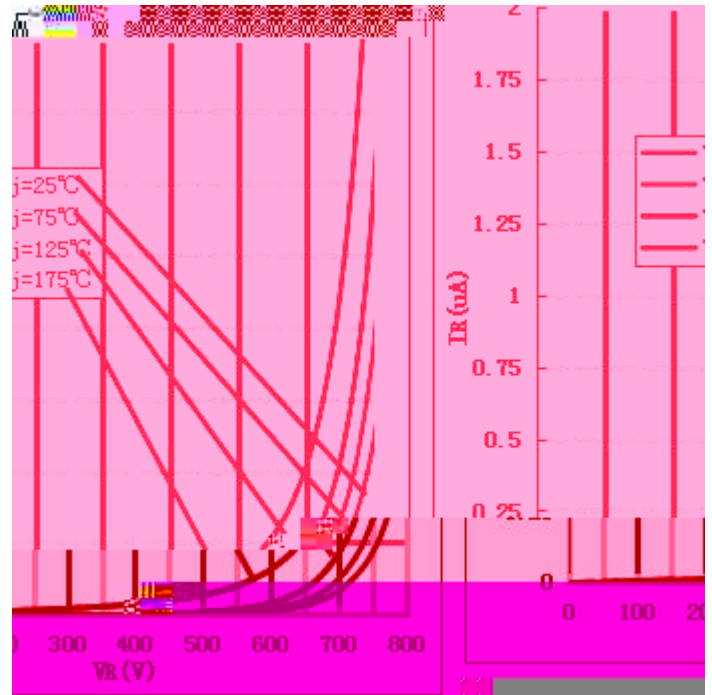
	$V_{RRM}$		650	V
	$V_{RSM}$		650	V
	$V_{DC}$		650	V
	$I_F$	$T_C=25$ $T_C=125$ $T_C=160$	24.5 13.2 6	A
	$I_{FRM}$	$T_C=25$ , $t_p=10ms$ Half Sine Wave $D=0.3$	30	A
	$I_{FSM}$	$T_C=25$ , $t_p=10ms$ Half Sine Wave	90	A
	$P_{TOT}$	$T_C=25$	99	W
		$T_C=110$	43	W
	$T_j$		-55 to 175	
	$T_{stg}$		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

	$V_F$	$I_F=6A, T_j=25$	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	$\mu A$
		$V_R=650V, T_j=175$	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	

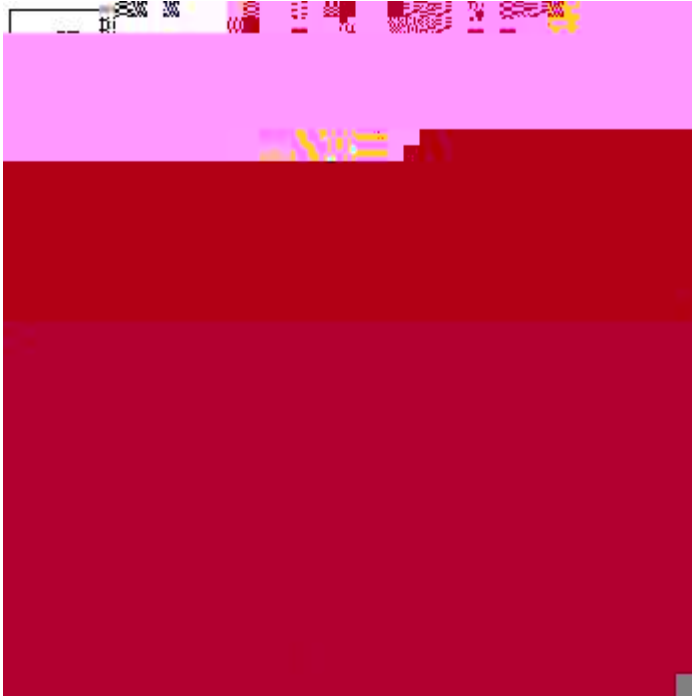
1)  $I_F=f(V_F, T_j)$



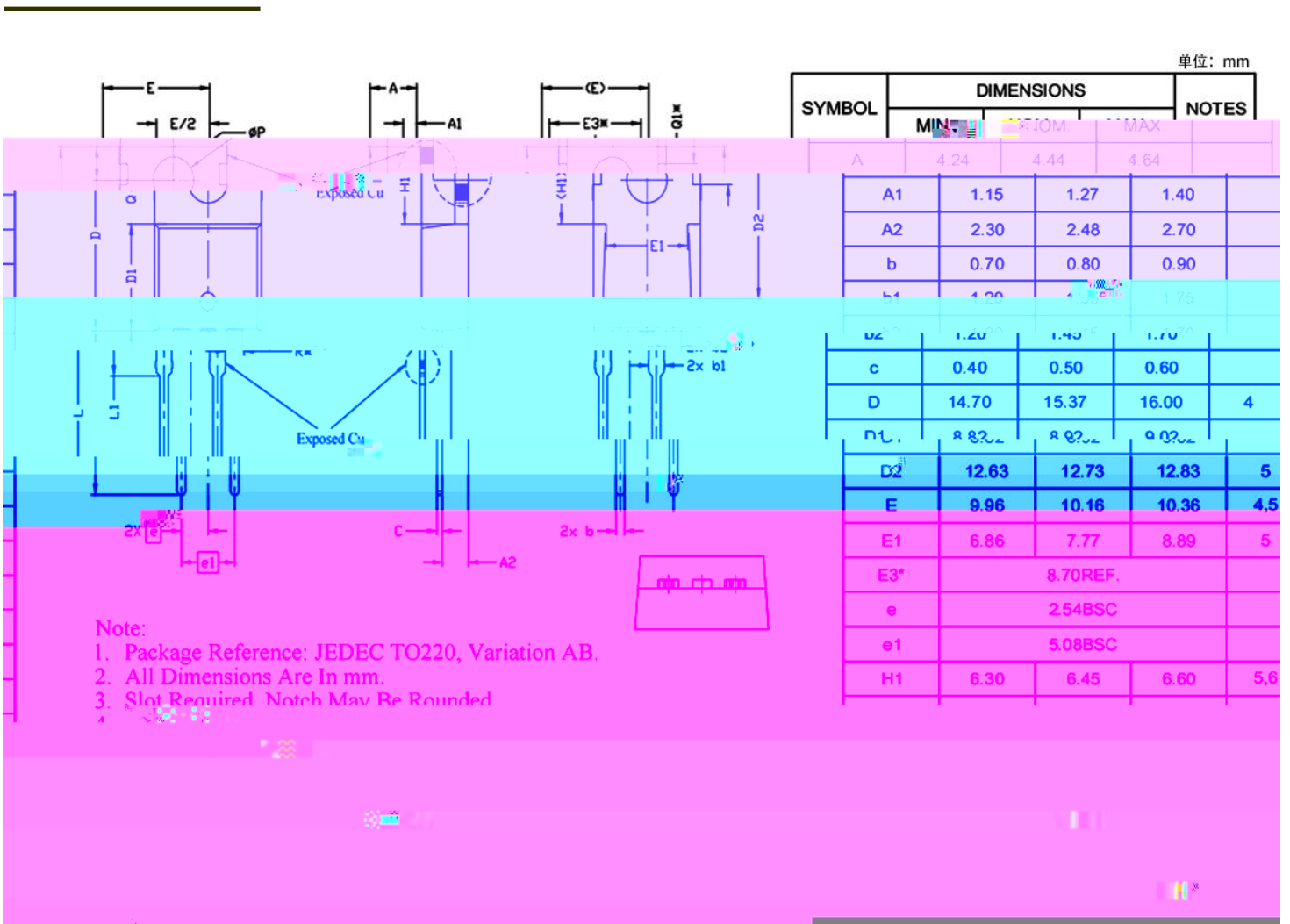
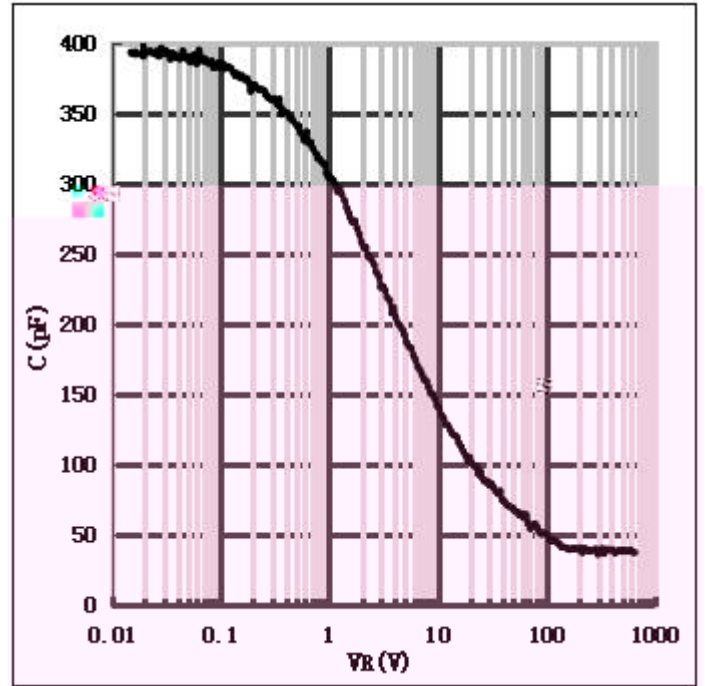
2)  $I_R=f(V_R, T)$



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



4) -



ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

<http://www.globalpowertech.cn/CompVisualize.asp>

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