



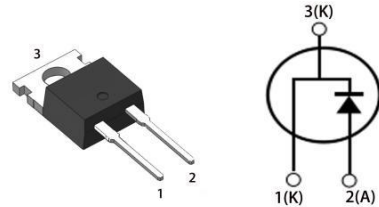
**G5S06505AT**

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162		

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(SMPS)

(PFC)

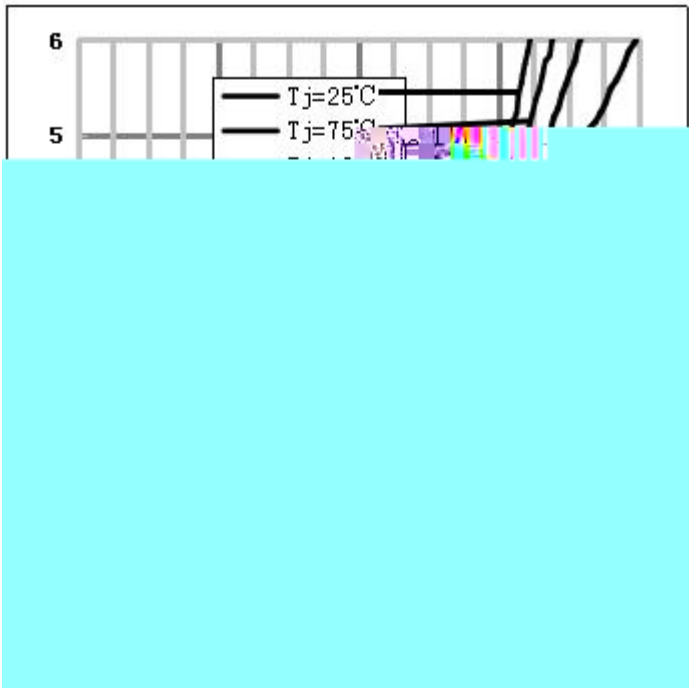


G5S06505AT	TO-220AC	G5S06505AT

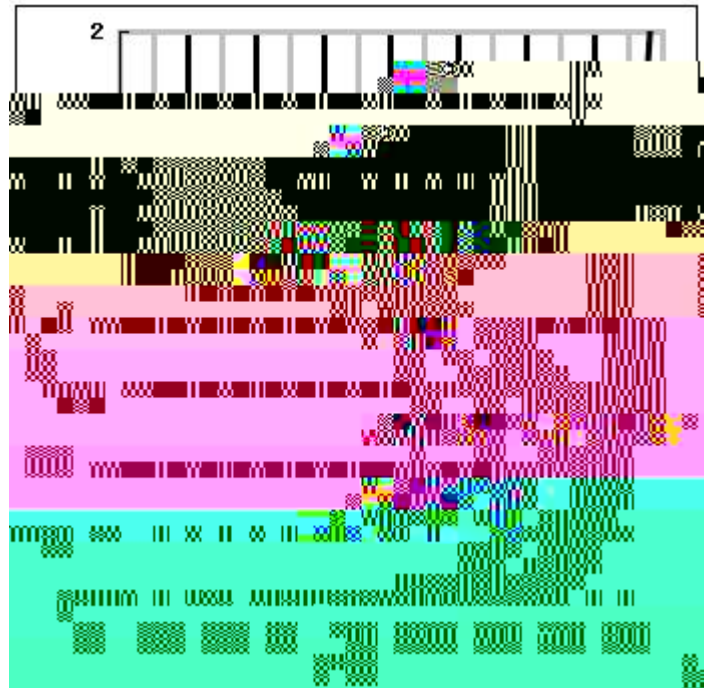
$V_{RRM}$			650	V
$V_{RSM}$			650	V
$V_{DC}$			650	V
	$T_C=25$		24.5	
$I_F$	$T_C=125$		13.2	A
	$T_C=162$		5	
$I_{FRM}$	$T_C=25$ , $tp=10ms$	Half Sine	30	A
	Wave	$D=0.3$		
$I_{FSM}$	$T_C=25$ , $tp=10ms$	Half Sine	90	A
	Wave			
$P_{TOT}$	$T_C=25$		99	W
	$T_C=110$		43	W
$T_j$			-55 to 175	
$T_{stg}$			-55 to 175	
	M3 Screw			
	6-32 Screw			

$V_F$	$I_F=5A, T_j=25$	$I_F=5A, T_j=175$	1.23	1.5	V	
			1.55	1.8		
$I_R$	$V_R=650V, T_j=25$	$V_R=650V, T_j=175$	0.2	50	$\mu A$	
			2.5	100		
$Q_C$	$V_R=400V, T_j=150$	$= \int_0 ( )$	21	-	nC	
C	$V_R=0V, T_j=25, f=1MHz$	$V_R=200V, T_j=25, f=1MHz$	$V_R=400V, T_j=25, f=1MHz$	395	400	pF
				38	42	
				36	40	

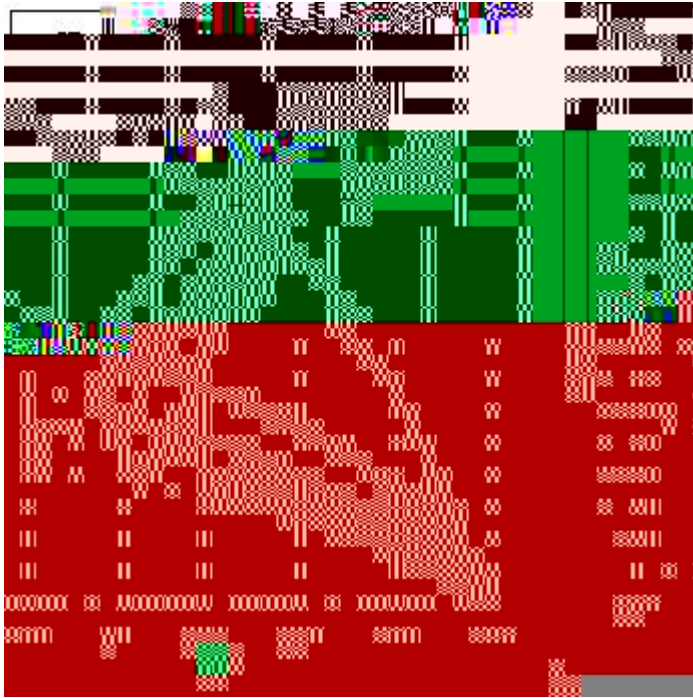
1)  $I_F=f(V_F) \quad T_j$



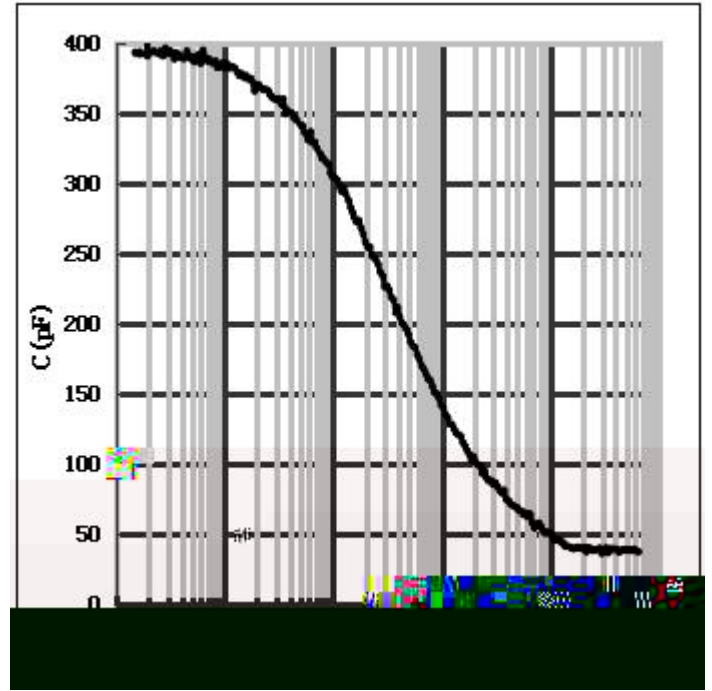
2)  $I_R=f(V_R) \quad T_j$



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



4) -



单位: mm

SYMBOL	DIMENSIONS			NOTES
	MIN	NOM	MAX	
A	4.24	4.44	4.64	
A1	1.15	1.27	1.40	
A2	2.30	2.48	2.70	
b	0.70	0.80	0.90	
D	14.70	15.37	16.00	4
D1	8.82	8.92	9.02	
E	6.85	7.77	8.59	5
E1		2.70REF.		
H1	6.30	6.45	6.60	6.9
L	13.47	13.72	13.97	
L1		2.80	3.00	
Q1*		1.73REF.		
R*		REF.		

Note:

- Package Reference: JEDEC TO220, Variation AB.
- All Dimensions Are In mm.
- Slot Formed, Not Mfg. By Bore Draw.
- Dimension D & E Do Not Include Mold Flash. Mold Flash Shall Not Exceed 0.10 mm.
- Irregularities Are Allowed.
- "\*" is reference.

ISO9001 2015

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ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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

<https://globalpowertech.en.alibaba.com/>

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