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153		

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(SMPS)

(PFC)

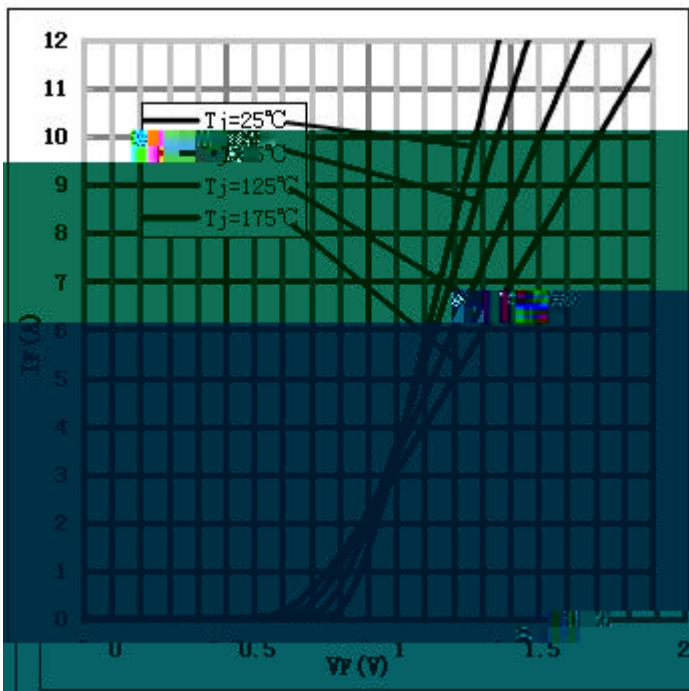
G4S06510JT	TO-220ISO	G4S06510JT

	$V_{RRM}$		650	V
	$V_{RSM}$		650	V
	$V_{DC}$		650	V
	$I_F$	$T_C=25$ $T_C=125$ $T_C=153$	31.2 17 10	A
	$I_{FRM}$	$T_C=25$ , $tp=10ms$ Half Sine Wave $D=0.3$	40	A
	$I_{FSM}$	$T_C=25$ , $tp=10ms$ Half Sine Wave	105	A
	$P_{TOT}$	$T_C=25$	125	W
		$T_C=110$	54	W
	$T_j$		-55 to 175	
	$T_{stg}$		-55 to 175	
		M3 Screw	1	Nm
		6-32 Screw	8.8	lbf-in

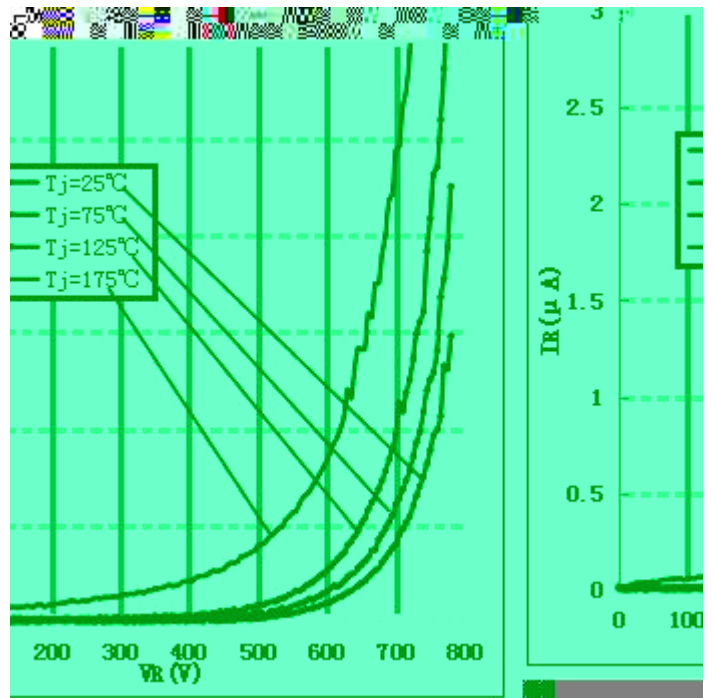
	$R_{thJC}$		1.20	$\Delta W$

$V_F$	$I_F=10A, T_j=25$	1.38	1.7	V
	$I_F=10A, T_j=175$	1.82	2.5	
$I_R$	$V_R=650V, T_j=25$	0.25	50	$\mu A$
	$V_R=650V, T_j=175$	1.5		

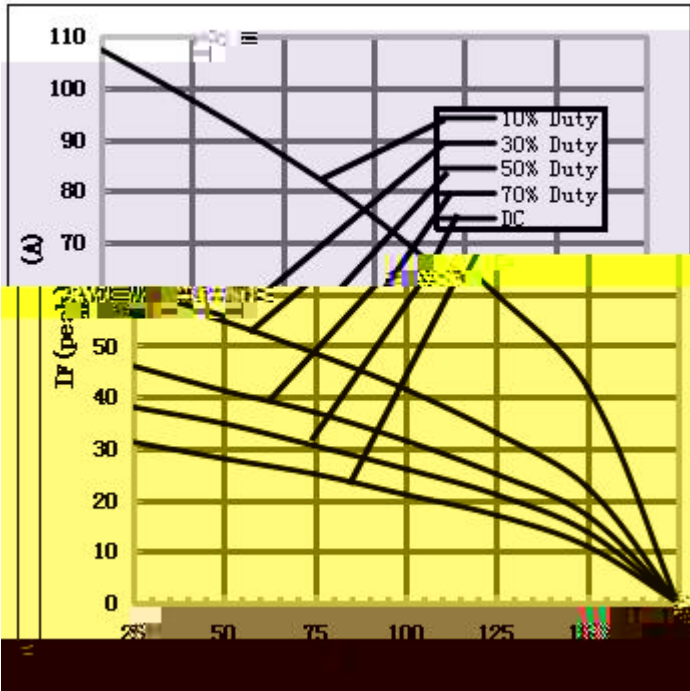
1)  $I_F=f(V_F)$   $T_j$



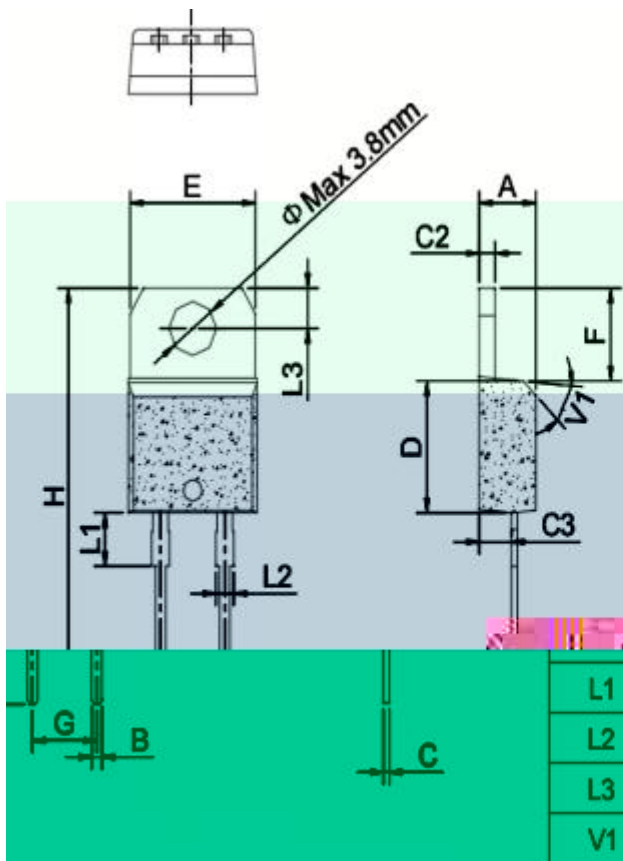
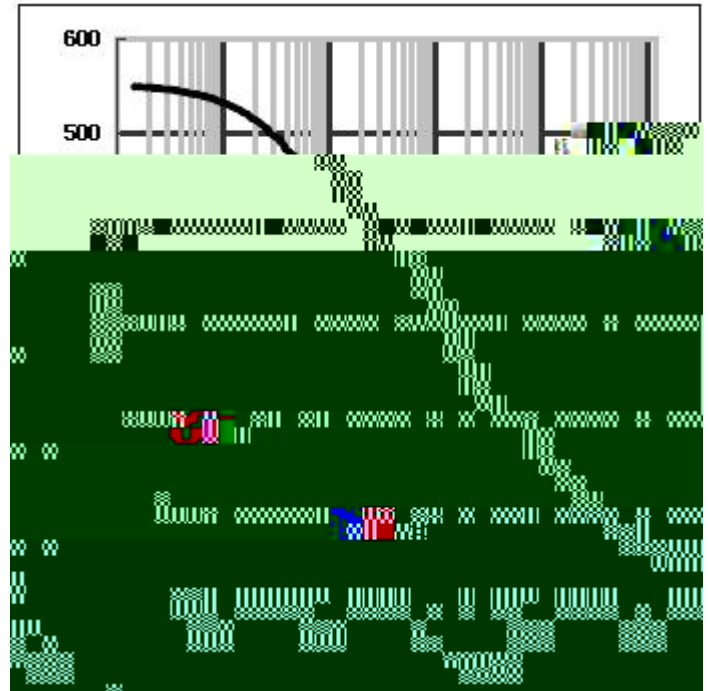
2)  $I_R = f(V_R)$   $T_j$



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



4) -



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	4.40		4.60	0.173		0.181
B	0.61		0.88	0.024		0.035
C	0.46		0.70	0.018		0.028
C2	1.21		1.32	0.048		0.052
C3	2.40		2.7	0.094		0.107
D	8.60		9.70	0.339		0.382
E	9.80		10.4	0.386		0.409
F	6.55		6.95	0.258		0.274
G		5.08			0.2	
	28.0		32.0	1.173		
L1		3.75		0.148		
L2	1.14	1.70	0.045	0.067		
L3	2.65	2.95	0.104	0.116		
V1		45°		45°		

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ISO9001 2015

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ISO 1987

ISO9001

ISO9001

ISO9001 2015

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

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