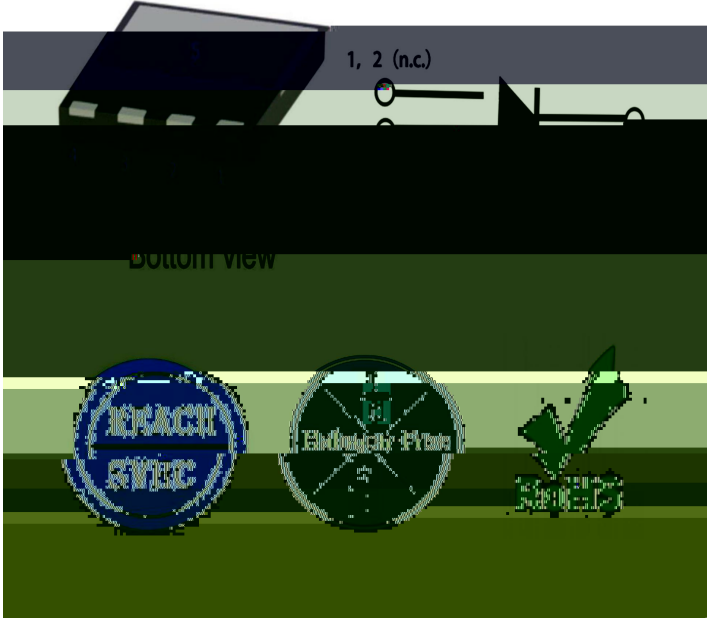




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(SMPS)

(PFC)

G5S06504QT	DFN8* 8	G5S06504QT



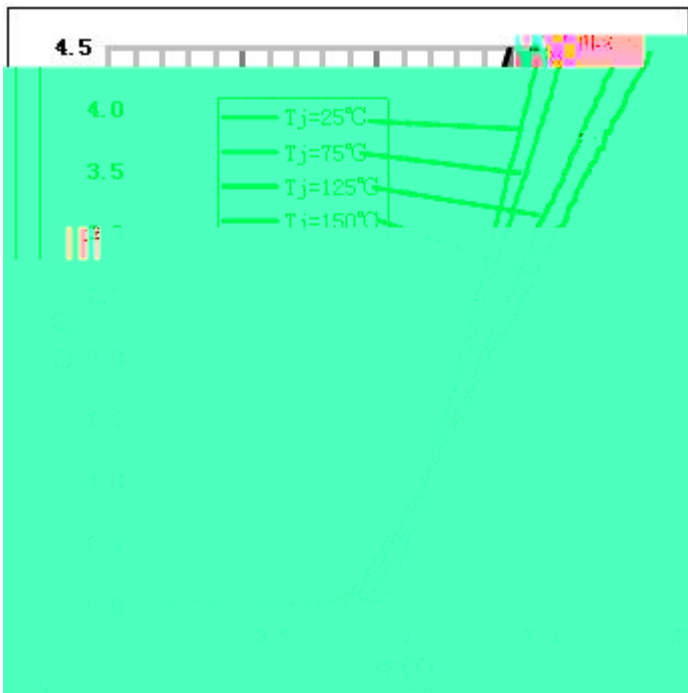
V_{RRM}			650	V
V_{RSM}			650	V
V_{DC}			650	V
	$T_C=25$		13.2	
I_F	$T_C=100$		8	A
	$T_C=130$		4	
I_{FRM}	$T_C=25$, $tp=10ms$	Half Sine	20	A
	Wave $D=0.3$			
I_{FSM}	$T_C=25$, $tp=10ms$	Half Sine	35	A
	Wave			
P_{TOT}	$T_C=25$		52	W
	$T_C=110$		17	W
T				

λ

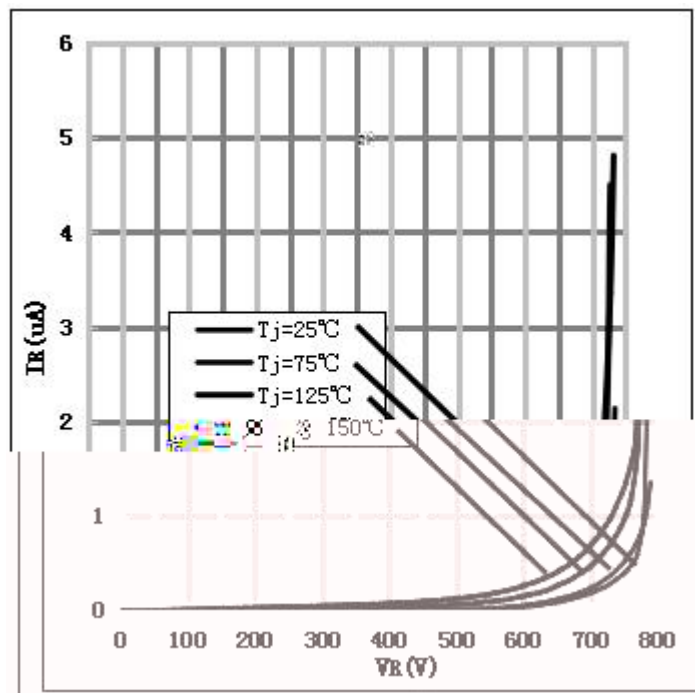
…}

	V_F	$I_F=4A, T_j=25$	1.4	1.6	V
		$I_F=4A, T_j=150$	1.79	2.5	
	I_R	$V_R=650V, T_j=25$	0.07	50	μA
		$V_R=650V, T_j=150$	0.65	100	
	Q_C	$V_R=400V, T_j=150$ $= \int_0^{\quad} (\quad)$	11	-	nC
	C	$V_R=0V, T_j=25, f=1MHz$	181	220	pF
		$V_R=200V, T_j=25, f=1MHz$	22.5	25	
		$V_R=400V, T_j=25, f=1MHz$	20.5	21	

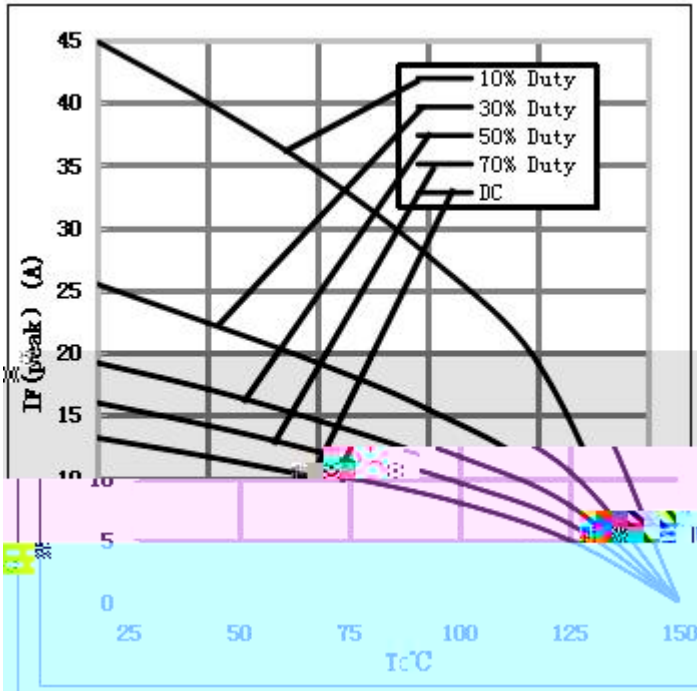
1) $I_F=f(V_F)$ T_j



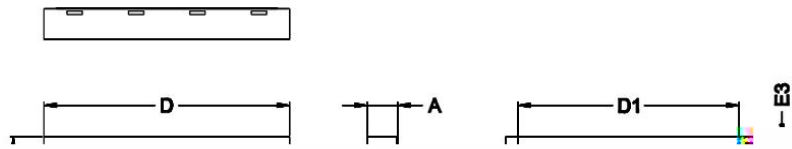
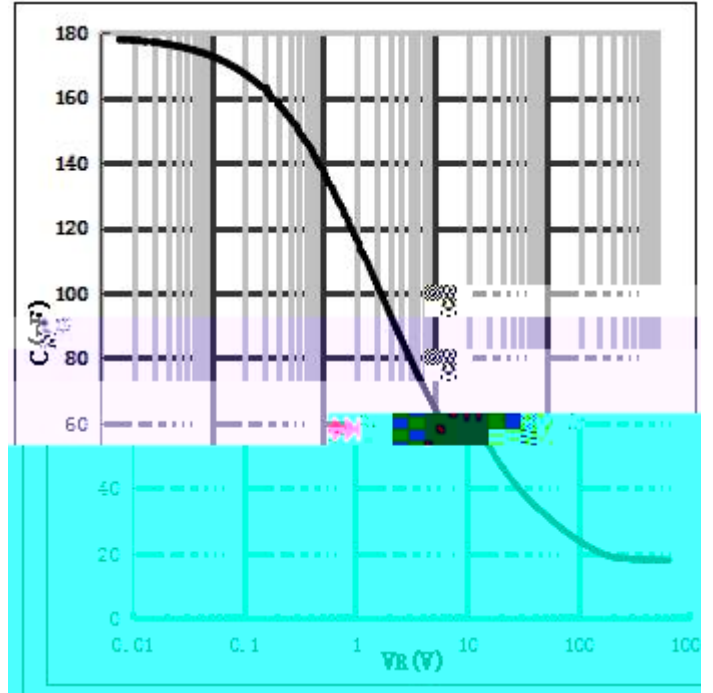
2) $I_R=f(V_R)$ T_j



3) Current Derating
 10% 30% 50% 70% DC



4) -



单位: mm

ALL DIMENSIONS ARE NOT INCLUSIVE BURRS AND MOLD FLASH.



Land

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ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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