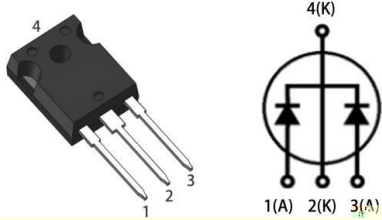



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159		

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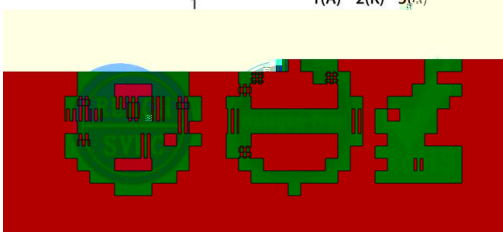



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(SMPS)

(PFC)



G3S06510B	TO-247AB	G3S06510B

\* ; \*\*

	$V_{RRM}$		650	V
	$V_{RSM}$		650	V
	$V_{DC}$		650	V
	$I_F$	$T_C=25$ $T_C=125$ $T_C=159$	21.7* 11.6* 5*	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	78*	A
	$P_{TOT}$	$T_C=25$	83*	W
		$T_C=110$	36*	W
	$T_j$		-55 to 175	
	$T_{stg}$		-55 to 175	
		M3 Screw	1	Nm
		6-32 Screw	8.8	lbf-in

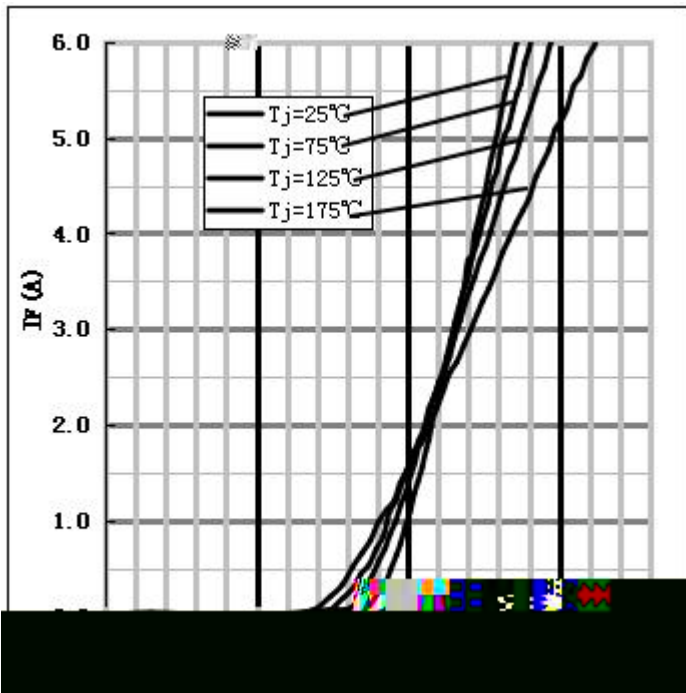
	$R_{thJC}$		1.81* 0.905**	$\Delta W$

\* ; \*\*

	$V_F$	$I_F=5A, T_j=25$	1.34	1.7	V
		$I_F=5A, T_j=175$	1.52	2	
	$I_R$	$V_R=650V, T_j=25$	0.2	50	$\mu A$
		$V_R=650V, T_j=175$	2.5	100	
	$Q_C$	$V_R=400V, T_j=150$ $= \int_0 ( )$	23	-	nC
	$C$	$V_R=0V, T_j=25, f=1MHz$	424	434	pF
		$V_R=200V, T_j=25, f=1MHz$	44	45	
		$V_R=400V, T_j=25, f=1MHz$	42.5	43	

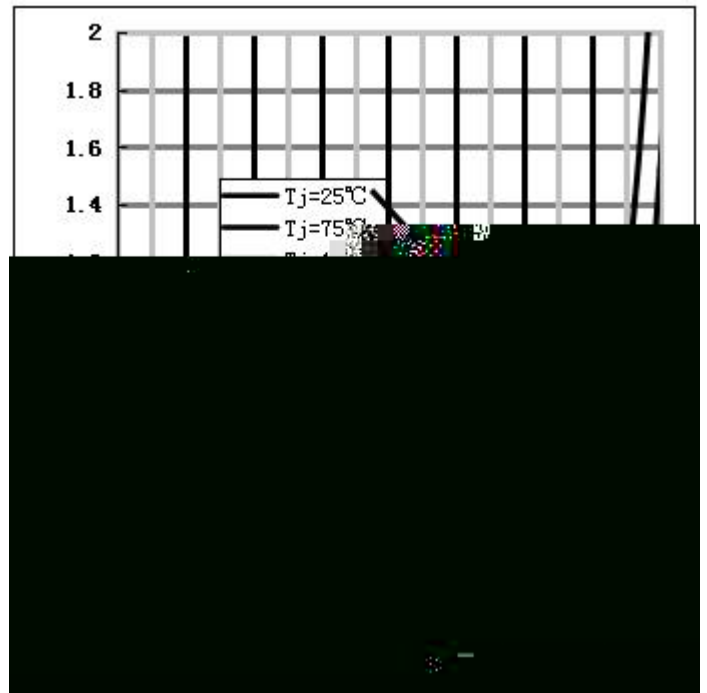
1)

$I_F=f(V_F) \quad T_j$

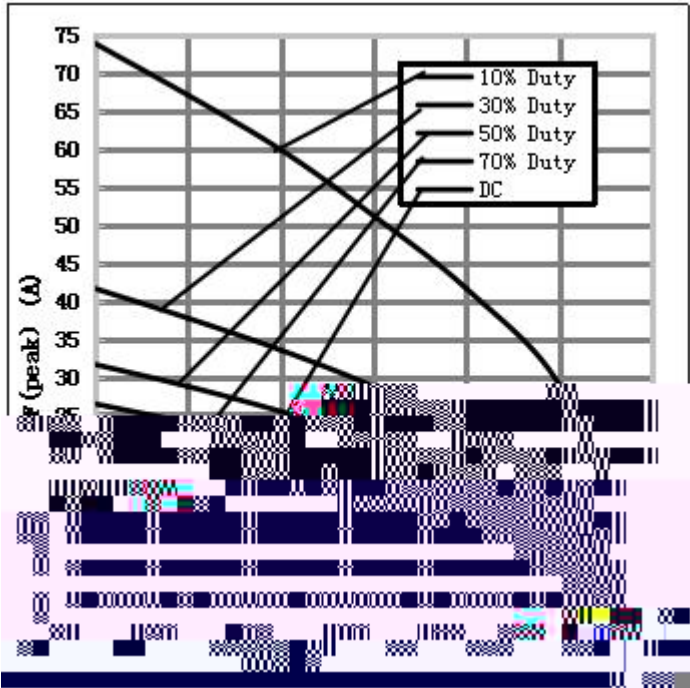


2)

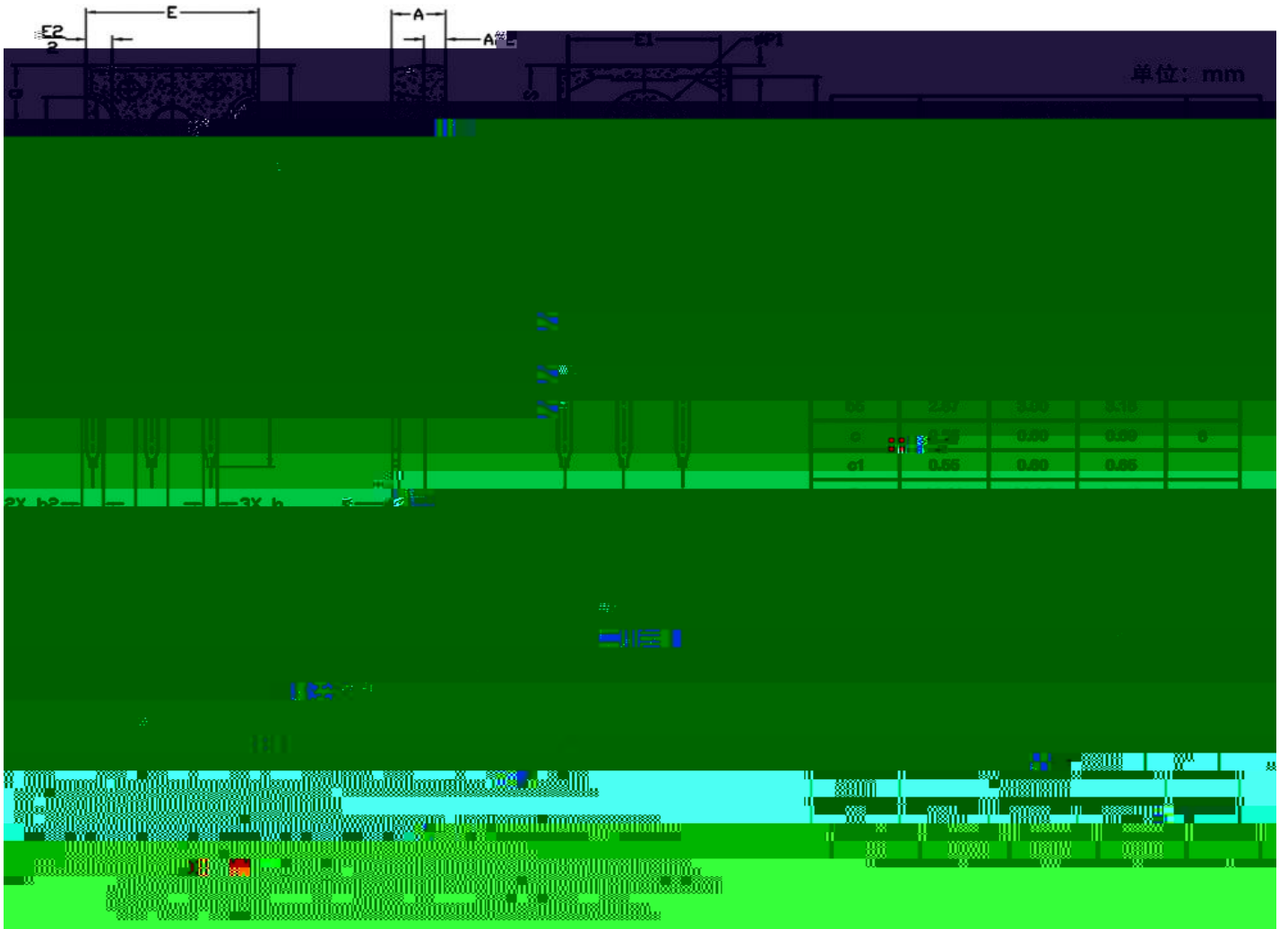
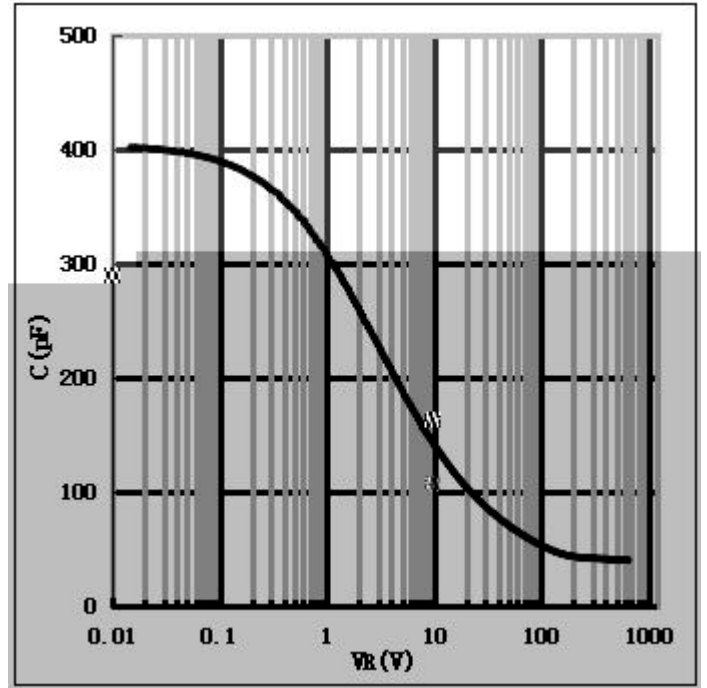
$I_R = ( ) \quad T$



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



4) -



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ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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

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