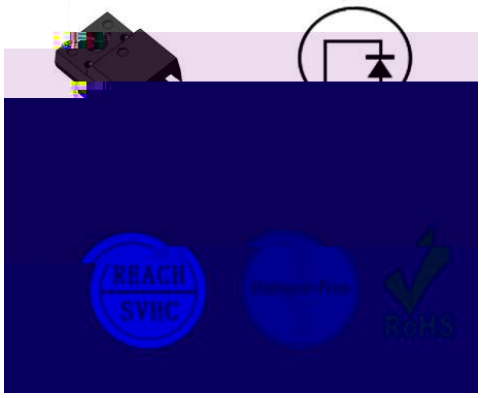
140		

-
-
-
-



- (SMPS) (PFC)
-

G5S06510HT	TO-220F	G5S06510HT

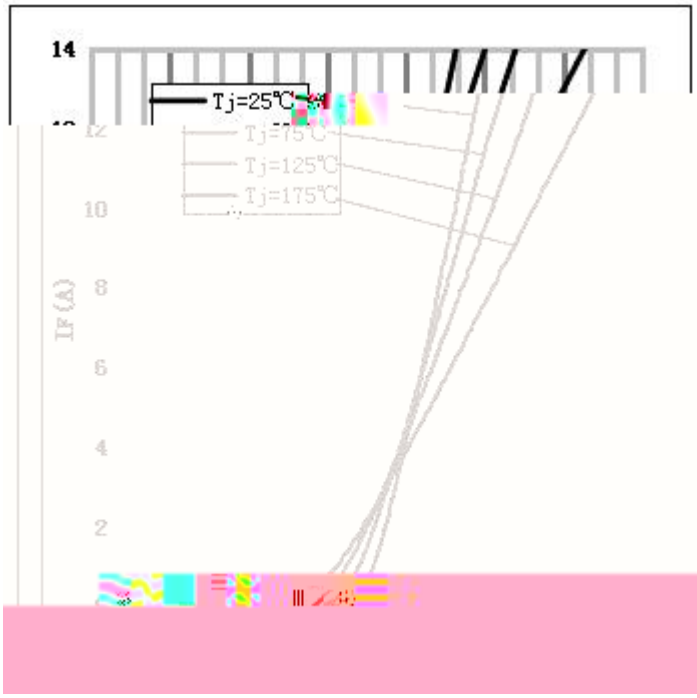
	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	T_C=25 T_C=125 T_C=140	23.8 12.5 10	A
	I_{FRM}	T_C=25 , tp=10ms Half Sine Wave D=0.3	50	A
	I_{FSM}	T_C=25 , tp=10ms Half Sine Wave	130	A
	P_{TOT}	T_C=25	63	W
		T_C=110	27	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

	$R_{th\ JC}$		2.38	/W

	V_F	I_F=10A, T_j=25	1.3	1.5	V
		I_F=10A, T_j=175	1.62	1.8	
	I_R	V_R=650V, T_j=25	0.5	50	μA
		V_R=650V, T_j=175	1.4	100	
	Q_C	V_R=400V, T_j=150 $=\int_0$ ( )	31	-	nC
	C	V_R=0V, T_j=25 , f=1MHZ	645	680	pF
		V_R=200V, T_j=25 , f=1MHZ	58	61	
		V_R=400V, T_j=25 , f=1MHZ	56	58	

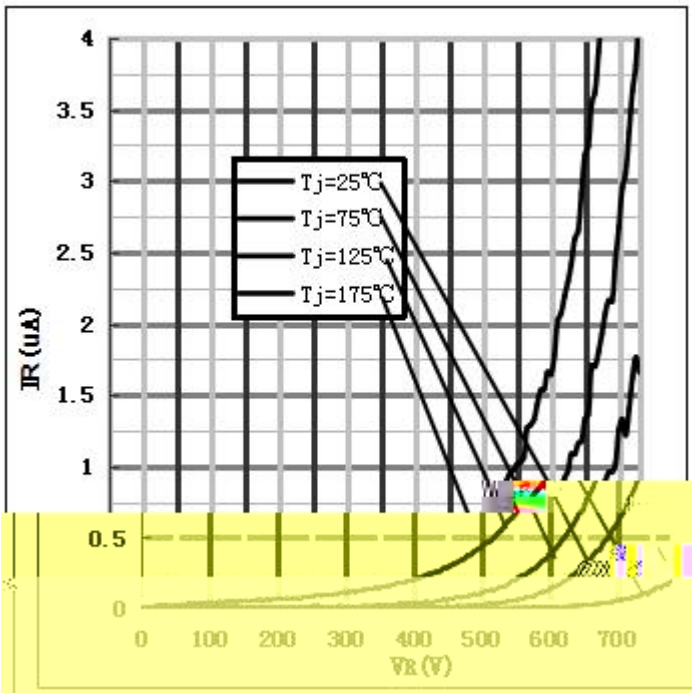
1)

IF=f(VF) Tj



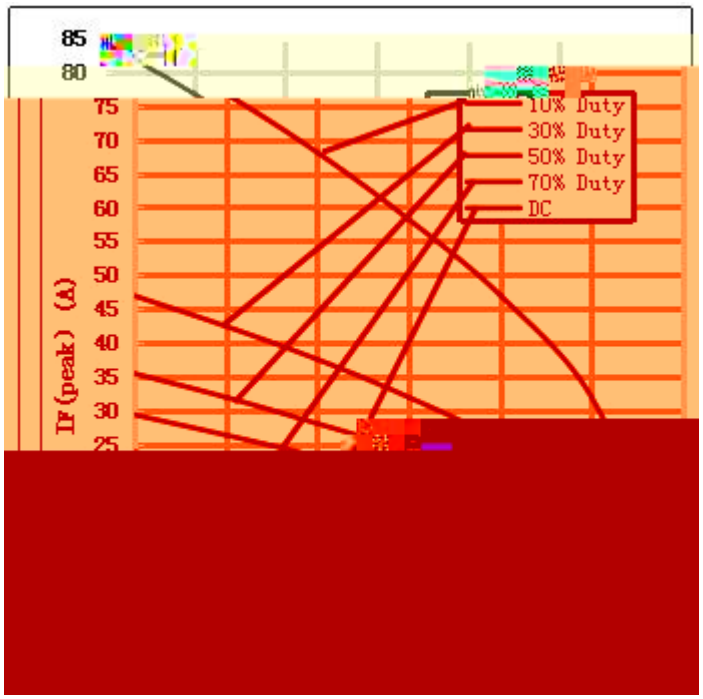
2)

I_R= (R) T

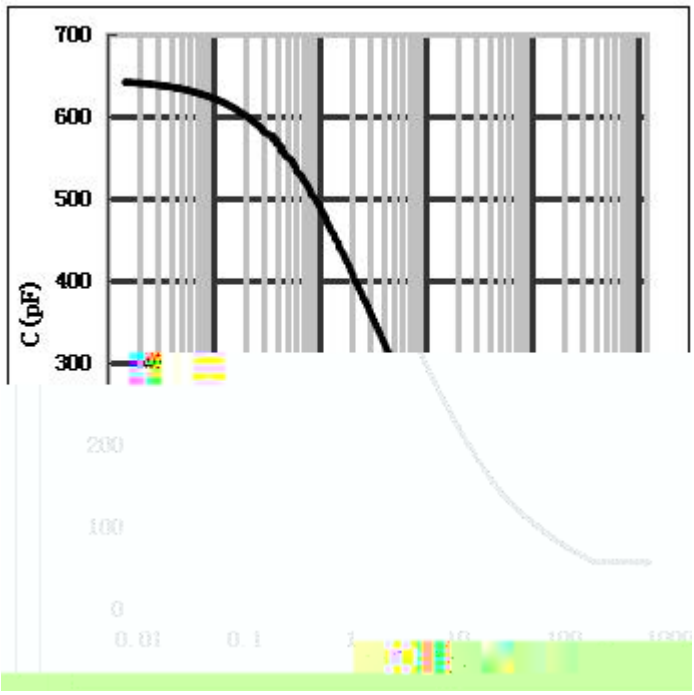


3) C D

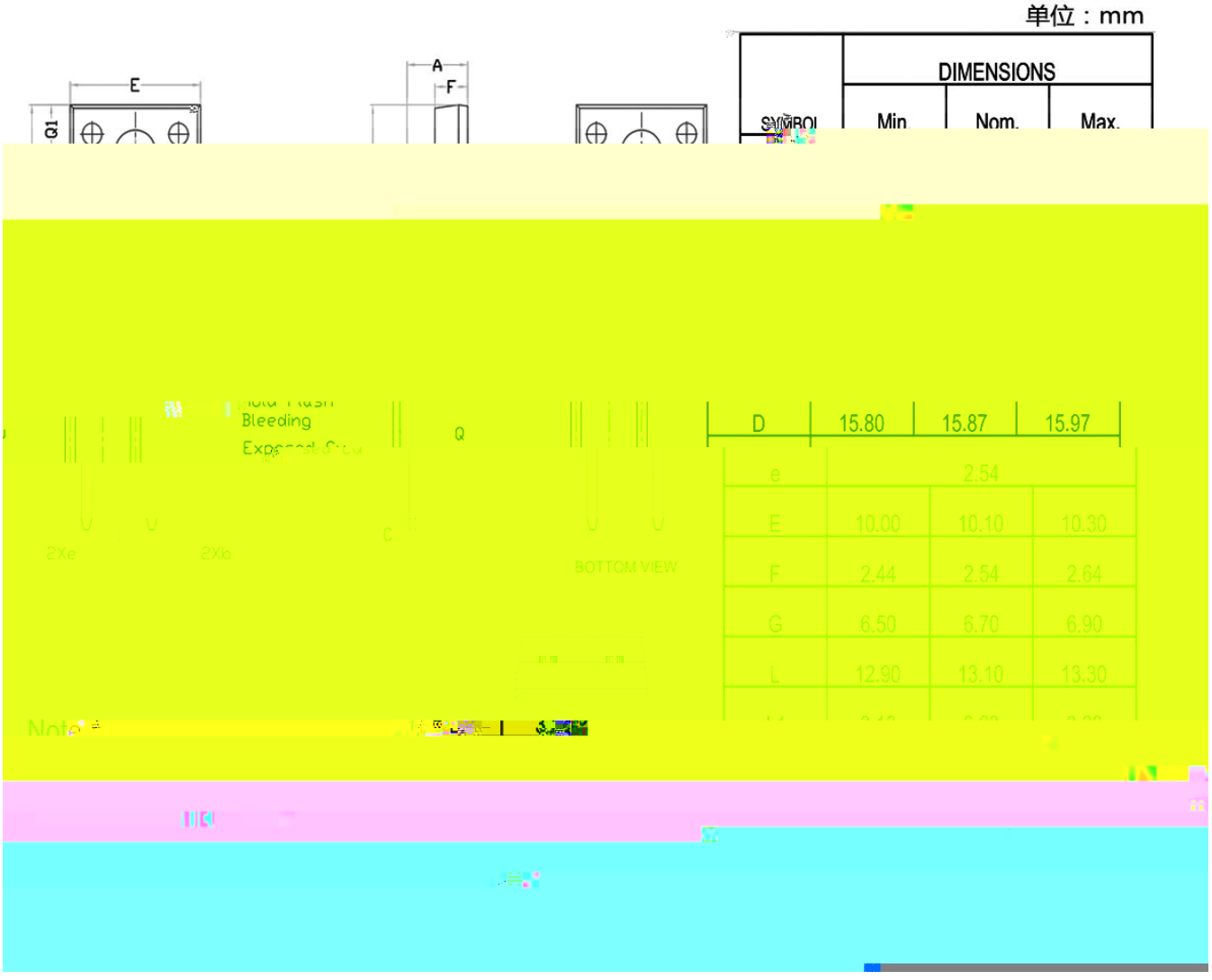
10% 30% 50% 70% DC



4) -



单位：mm



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ISO9001 2015 2015 9 23 ISO9000 ISO 1987

ISO9001

ISO9001

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