

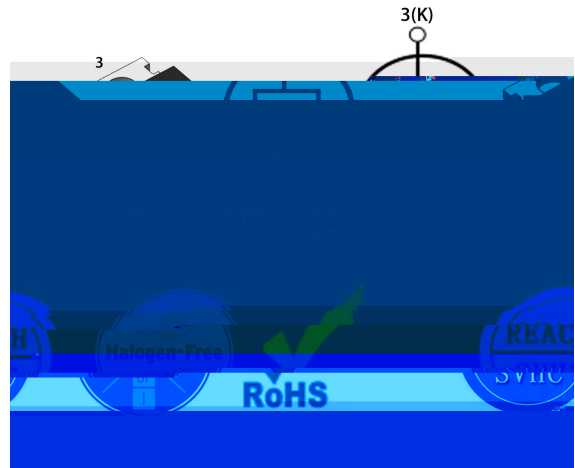


G3S12002A

%)

158		

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- -
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- (SMPS) (PFC)
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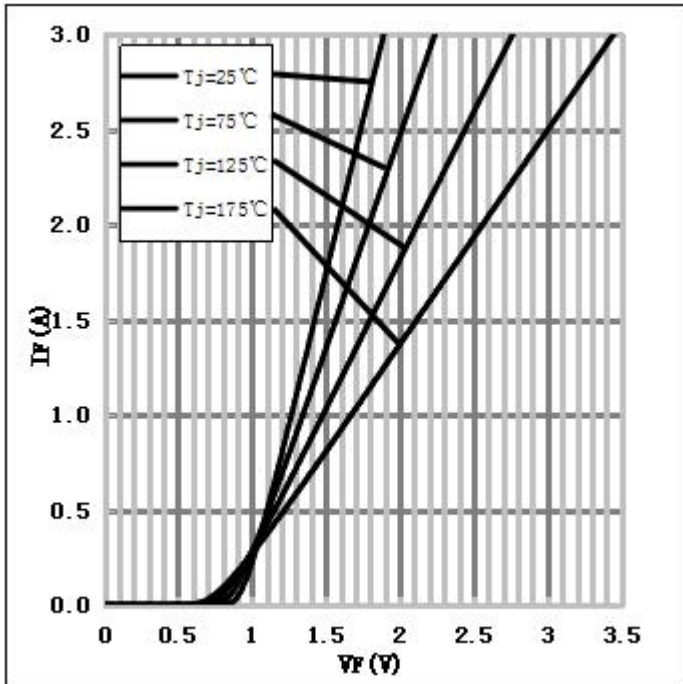
G3S12002A	TO-220AC	G3S12002A

	V_{RRM}		1200	V
	V_{RSM}		1200	V
	V_{DC}		1200	V
	I_F	$T_C=25$ $T_C=125$ $T_C=158$	7.4 4 2	A
	I_{FRM}	$T_C=25$, $t_p=10ms$ Half Sine Wave $D=0.3$	10	A
	I_{FSM}	$T_C=25$, $t_p=10ms$ Half Sine Wave	35	A
	P_{TOT}	$T_C=25$	53	W
		$T_C=110$	23	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

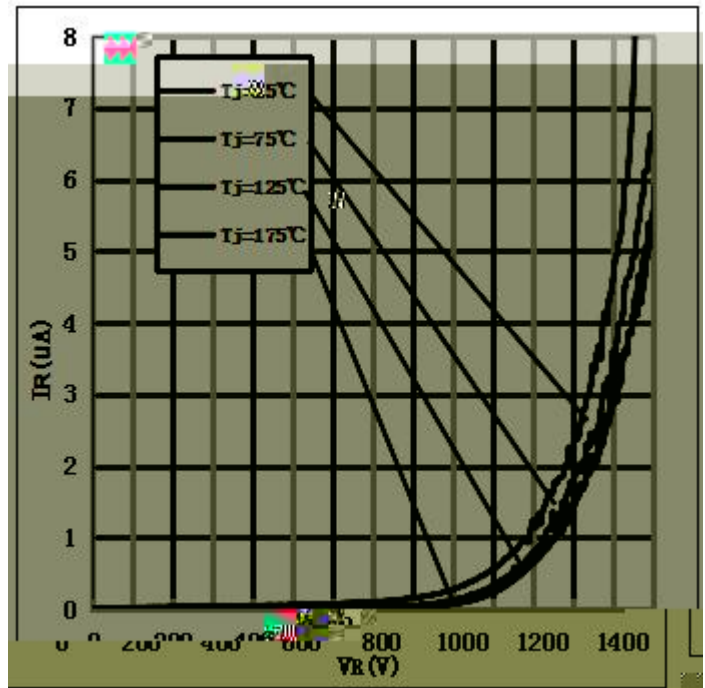
	$R_{th,jc}$		2.81	$\text{^}W$

V_F	$I_F=2A, T_j=25$	1.6	1.7	V
	$I_F=2A, T_j=175$	2.57	3	
I_R	$V_R=1200V, T_j=25$	0.01	50	μA
	$V_R=1200V, T_j=175$	0.2	100	
Q_C	$= \int$	12	-	nC
	$V_R=0V, T_j=25, f=1MHz$	136	150	
C	$V_R=400V, T_j=25, f=1MHz$	12	13	pF
	$V_R=800V, T_j=25, f=1MHz$	11	12	

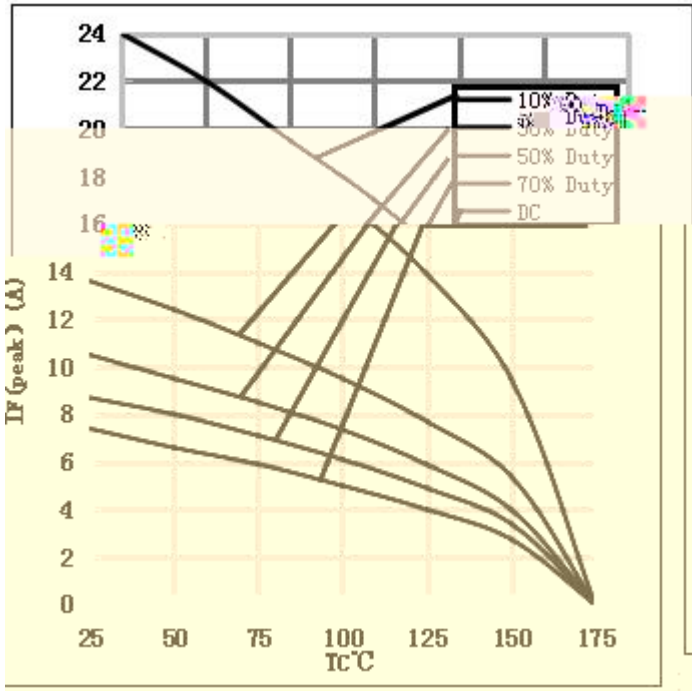
1) $I_F=f(V_F)$ T_j



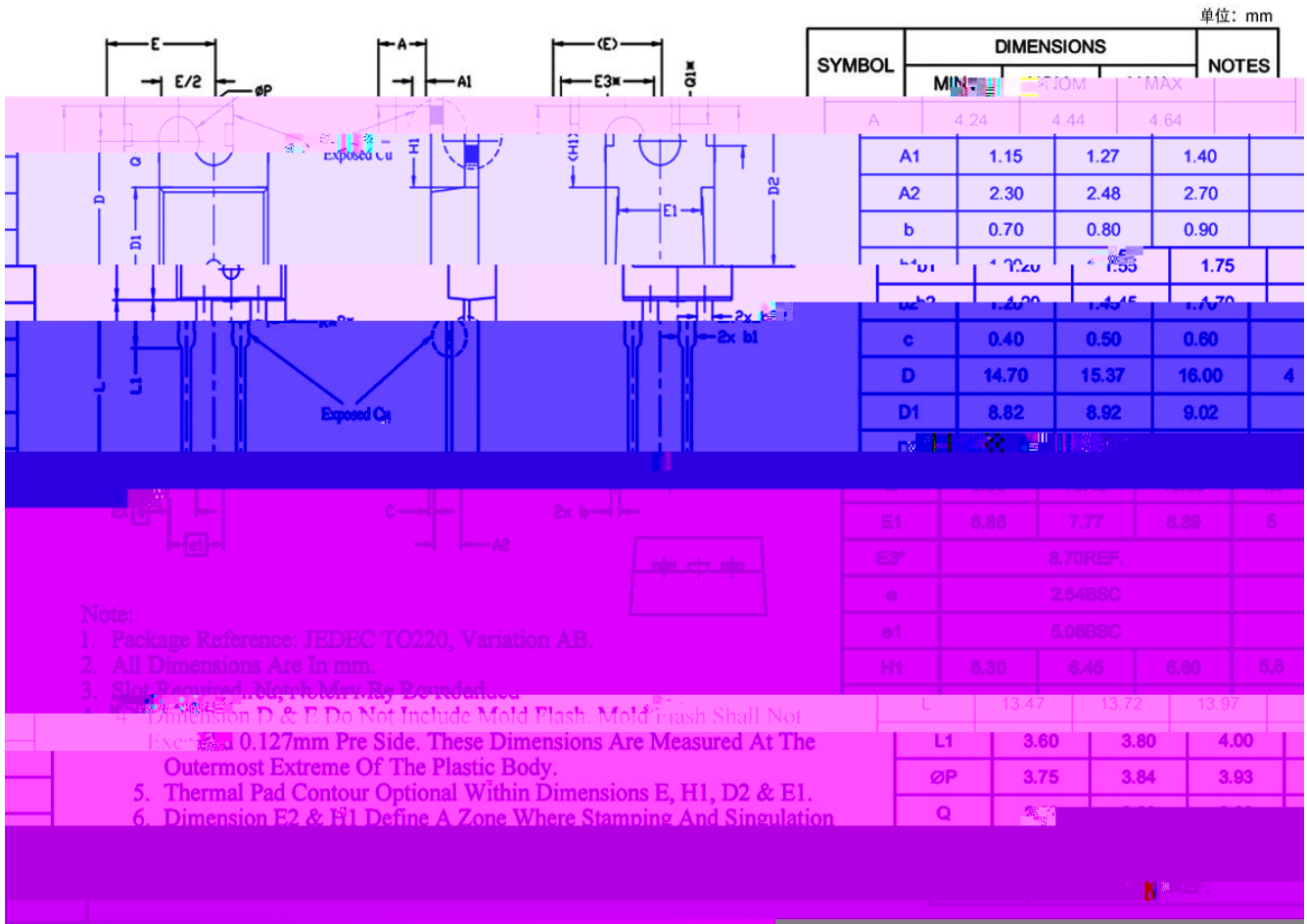
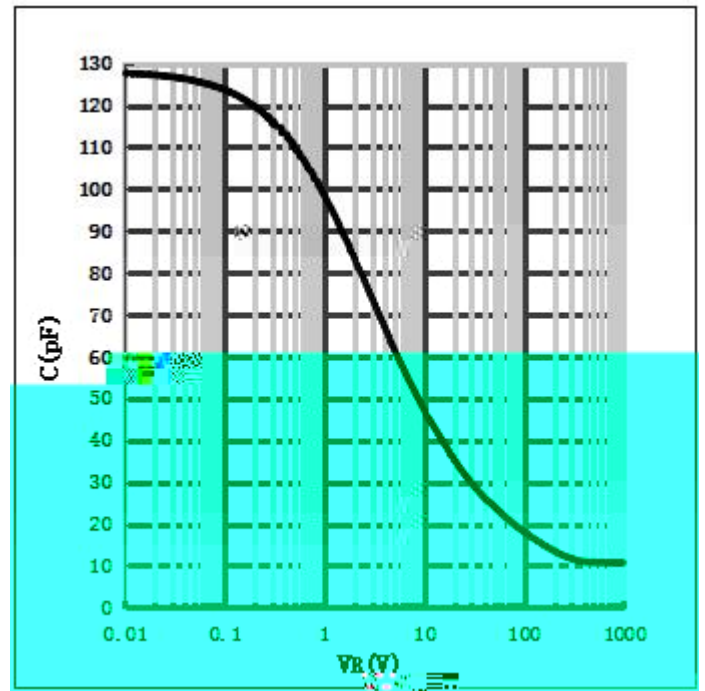
2)



3)



4)



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ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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