

650V/2A

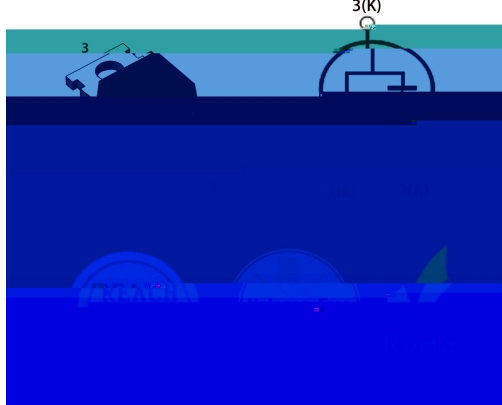
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$V_{RRM}$		V
$I_F$ $T_c$ 161		A
$Q_C$		nC

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(SMPS)

(PFC)

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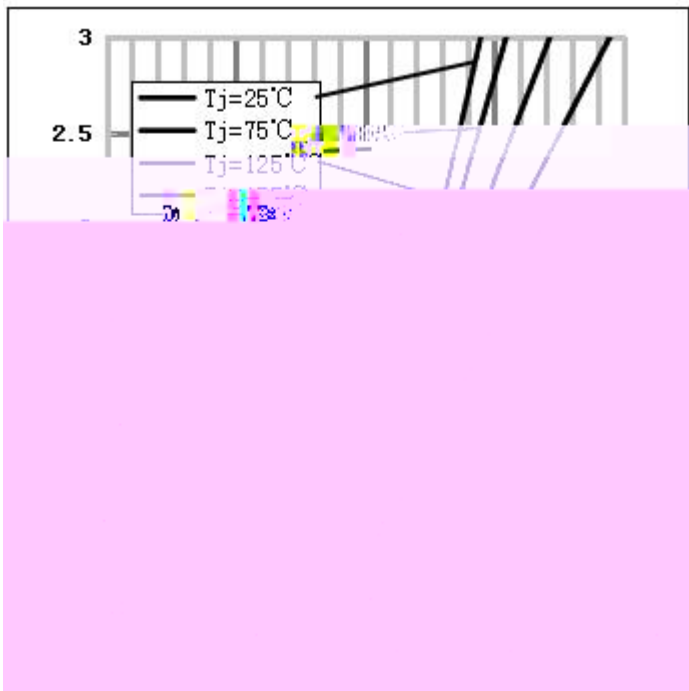
	$V_{RRM}$		650	V
	$V_{RSM}$		650	V
	$V_{DC}$		650	V
	$I_F$	$T_C=25$	9.6	A
		$T_C=125$	5.2	
		$T_C=161$	2	
	$I_{FRM}$	$T_C=25$ , $tp=10ms$ Half Sine Wave $D=0.3$	10	A
	$I_{FSM}$	$T_C=25$ , $tp=10ms$ Half Sine Wave	33	A
	$P_{TOT}$	$T_C=25$	43	W
		$T_C=110$	19	W
	$T_j$		-55 to 175	
	$T_{stg}$		-55 to 175	
		M3 Screw	1	Nm
		6-32 Screw	8.8	lbf-in

	$R_{thJC}$		" " (+	W

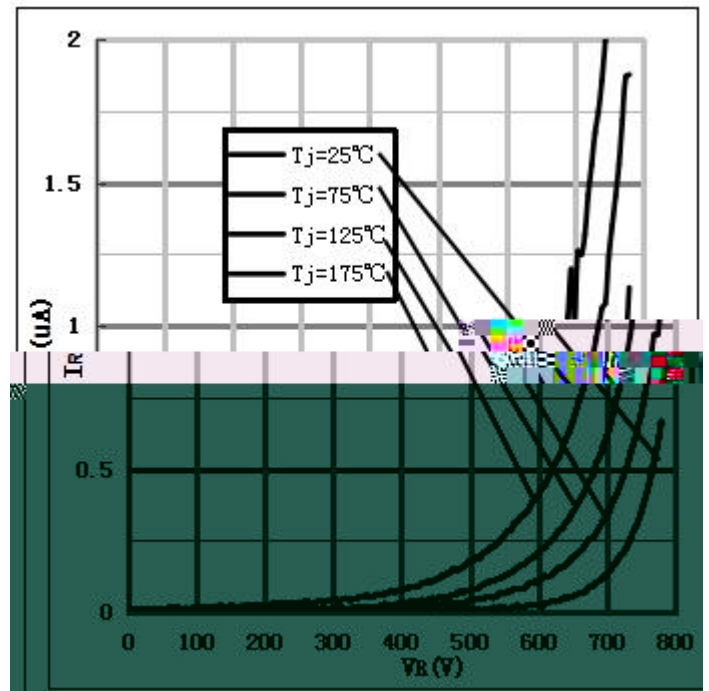
T<sub>j</sub>=25

	V <sub>F</sub>	I <sub>F</sub> =2A, T <sub>j</sub> =25	1.3	1.5	V
		I <sub>F</sub> =2A, T <sub>j</sub> =175	1.59	2	
	I <sub>R</sub>	V <sub>R</sub> =650V, T <sub>j</sub> =25	0.08	50	μA
		V <sub>R</sub> =650V, T <sub>j</sub> =175	0.64	100	
	Q <sub>C</sub>	= ∫		-	nC
	C	V <sub>R</sub> =0V, T <sub>j</sub> =25, f=1MHz	124	134	pF
		V <sub>R</sub> =200V, T <sub>j</sub> =25, f=1MHz	13	14	
		V <sub>R</sub> =400V, T <sub>j</sub> =25, f=1MHz	12.5	13.5	

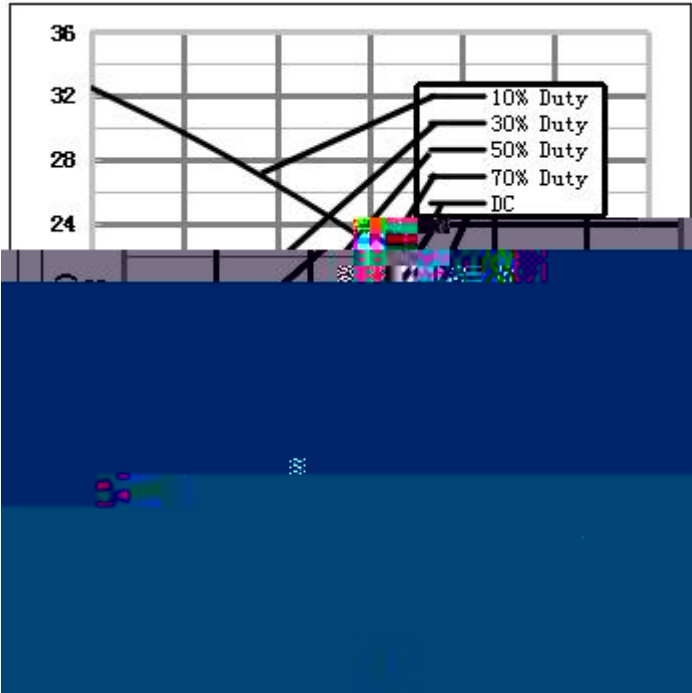
1) IF=f(VF) T<sub>j</sub>



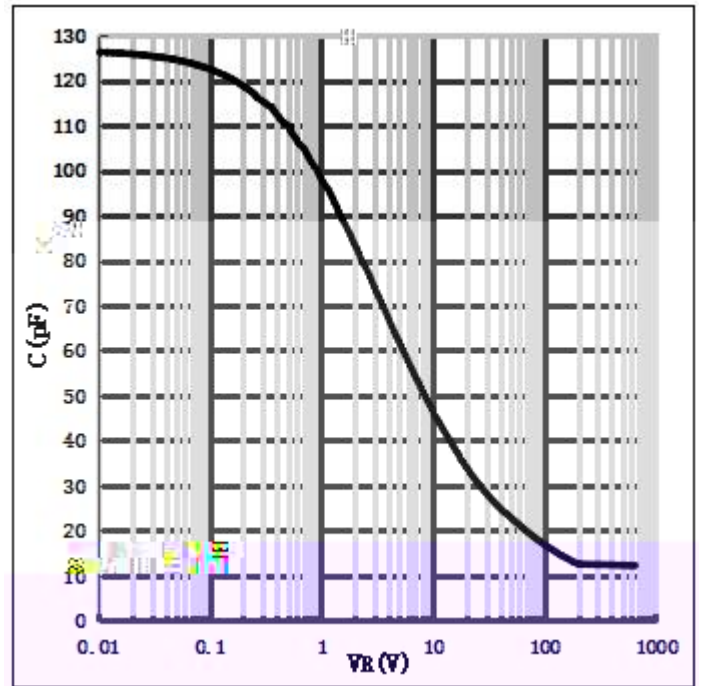
2)



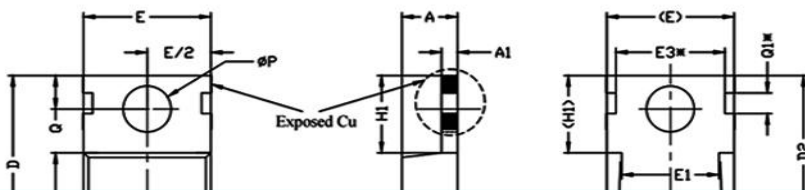
3)



4)



TO-220AC



SYMBOL	DIMENSIONS			NOTES
	MIN.	NOM.	MAX.	
A	4.24	4.44	4.64	
A1	1.15	1.27	1.40	
A2	2.30	2.48	2.70	

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ISO9001 2015

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ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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

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