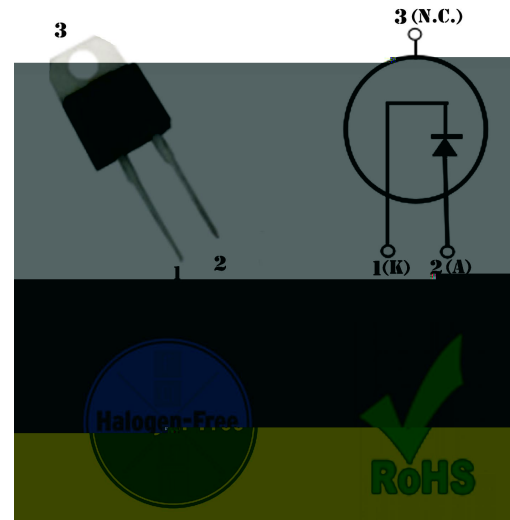




650V/8A

(%+)

V_{RRM}	650	V
I_F, T_c	151.5	8
Q_c	21	nC



(SMPS)

(PFC)

G4S06508JT	TO-220ISO	G4S06508JT
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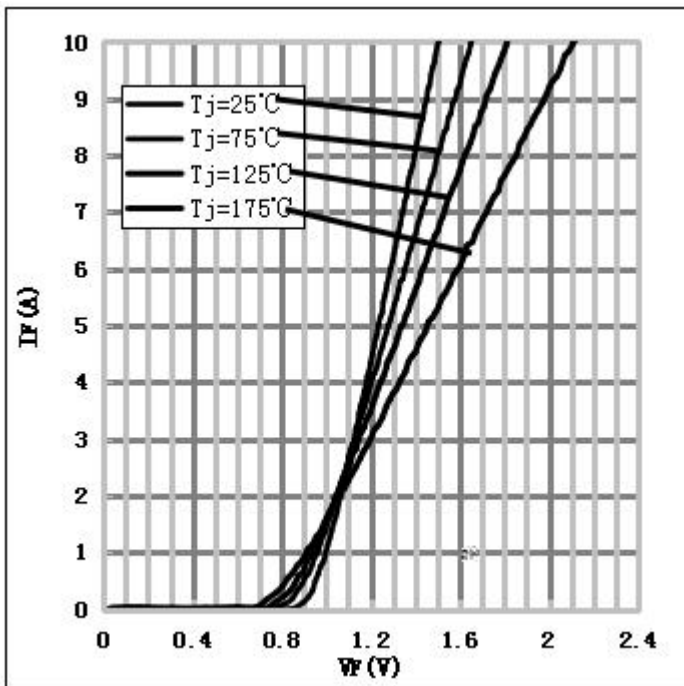
	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	$T_C=25$ $T_C=125$ $T_C=151.5$	23.5 12.5 8	A
	I_{FRM}	$T_C=25$, $tp=10ms$ Half Sine Wave $D=0.3$	30	A
	I_{FSM}	$T_C=25$, $tp=10ms$ Half Sine Wave	90	A
	P_{TOT}	$T_C=25$	93	W
		$T_C=110$	40	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

	R_{thJC}		1.62	ΔW

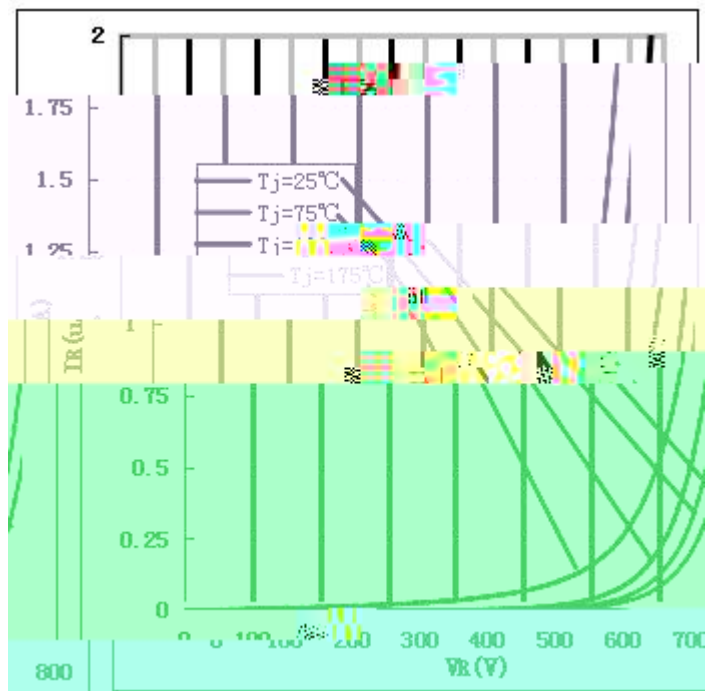
Tj=25

	V _F	I _F =8A, T _j =25	1.4	1.7	V
		I _F =8A, T _j =175	1.85	2.5	
	I _R	V _R =650V, T _j =25	0.2	50	μA
		V _R =650V, T _j =175	2.5	100	
	Q _C	V _R =400V, T _j =150 = ∫ ₀ ()	21	-	nC
	C	V _R =0V, T _j =25, f=1MHz	395	400	pF
		V _R =200V, T _j =25, f=1MHz	38	42	
		V _R =400V, T _j =25, f=1MHz	36	40	

1) IF=f(VF) Tj

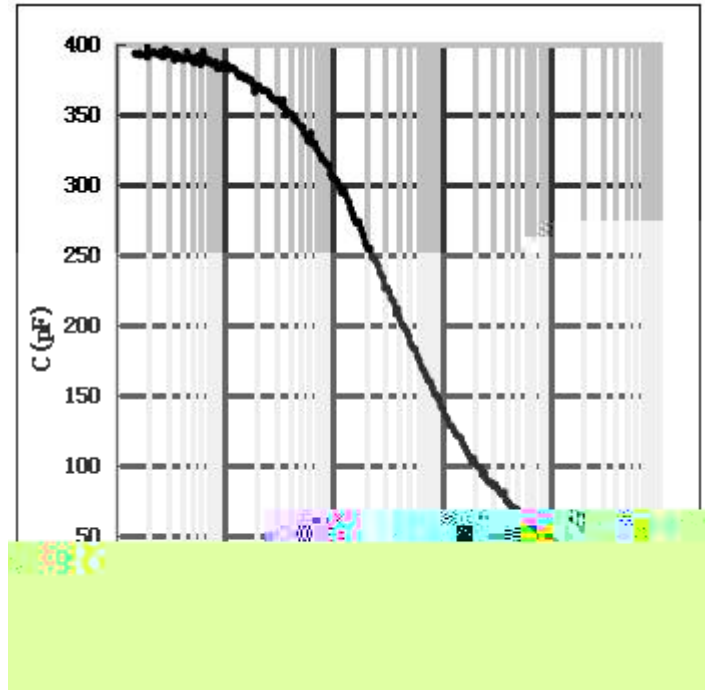
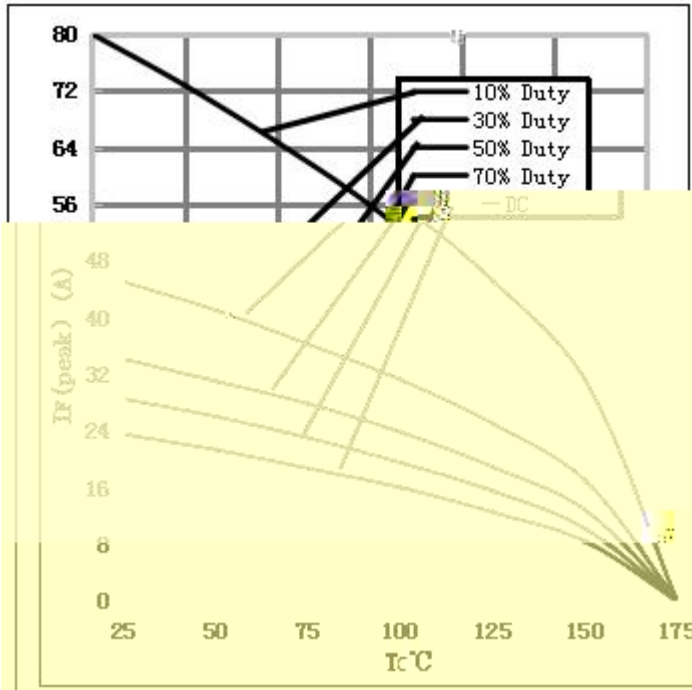


2) IR= (VR) Tj

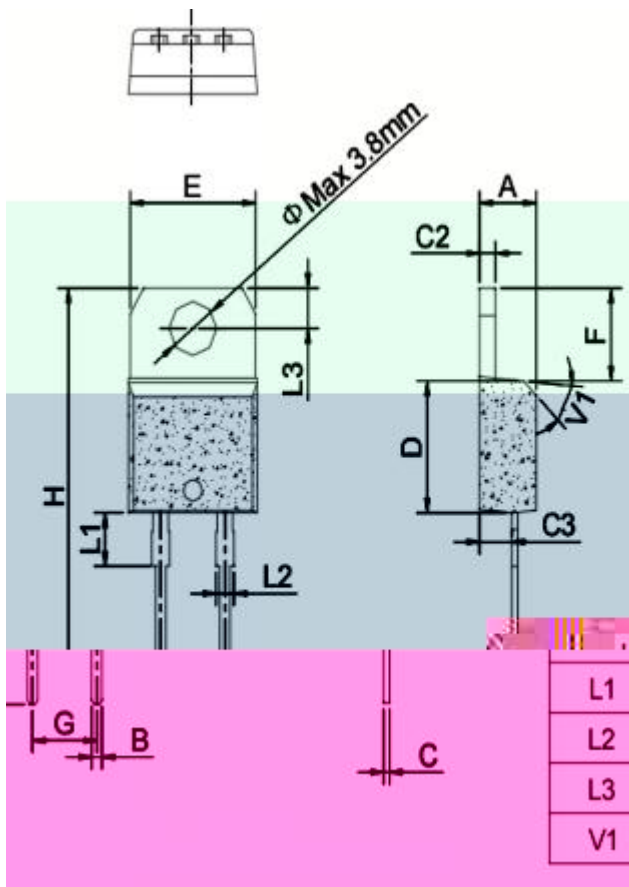


3) C D
10% 30% 50% 70% DC

4) -



TO-220ISO



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	4.40		4.60	0.173		0.181
B	0.61		0.88	0.024		0.035
C	0.46		0.70	0.018		0.028
C2	1.21		1.32	0.048		0.052
C3	2.40		2.71	0.094		0.107
D	8.60		9.70	0.339		0.382
E	9.80		10.4	0.386		0.409
F	6.55		6.95	0.258		0.274
G		5.08			0.2	

	28.0		29.8	1.102		1.173
L1		3.75			0.148	
L2	1.14		1.70	0.045		0.067
L3	2.65		2.95	0.104		0.116
V1		45°			45°	

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ISO9001 2015

2015 9 23

ISO9000

ISO 1987

ISO9001

ISO9001

ISO9001 2015

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

<https://globalpowertech.en.alibaba.com/>

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