



%)

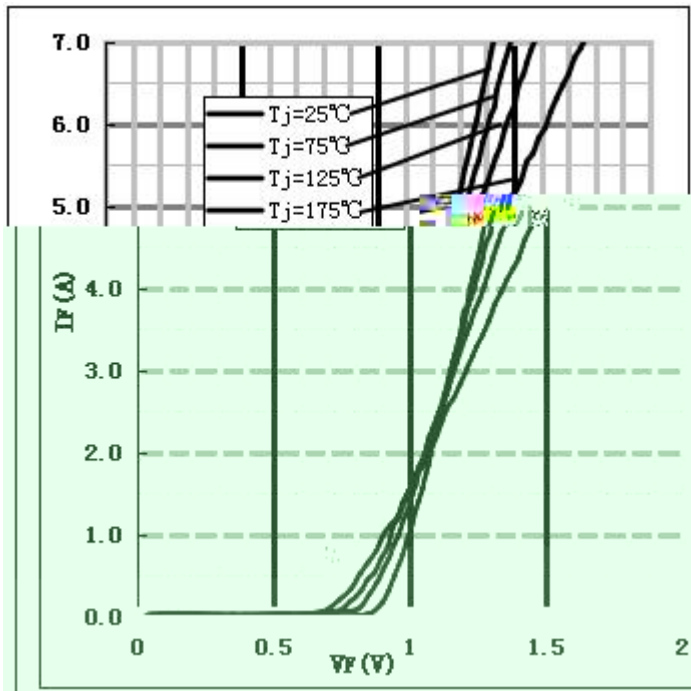
	V_{RRM}		650	V
	V_{RSM}		650	V
	V_{DC}		650	V
	I_F	$T_C=25$ $T_C=125$ $T_C=152$	18 9.6 6	A
	I_{FRM}	$T_C=25$, $tp=10ms$ Half Sine Wave $D=0.3$	30	A
	I_{FSM}	$T_C=25$, $tp=10ms$ Half Sine Wave	78	A
	P_{TOT}	$T_C=25$	60	W
		$T_C=110$	26	W
	T_j		-55 to 175	
	T_{stg}		-55 to 175	
		M3 Screw 6-32 Screw	1 8.8	Nm lbf-in

	R_{thJC}		2.51	ΔW

	V_F	$I_F=6A, T_j=25$	1.43	1.7	V
		$I_F=6A, T_j=175$	1.64	2	
	I_R	$V_R=650V, T_j=25$	0.2	50	μA
		$V_R=650V, T_j=175$	2.5	100	
	Q_C	$V_R=400V, T_j=150$ $= \int_0 ()$	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	

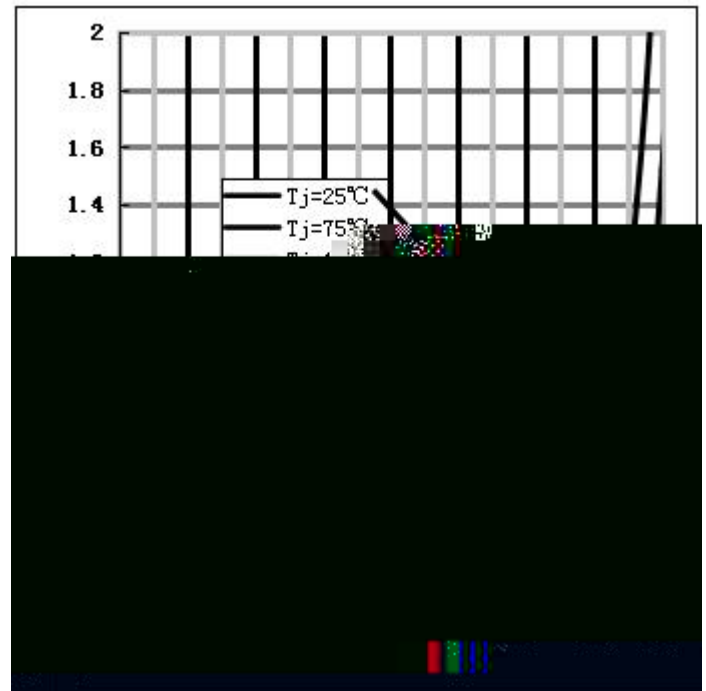
1)

$I_F=f(V_F) \quad T_j$

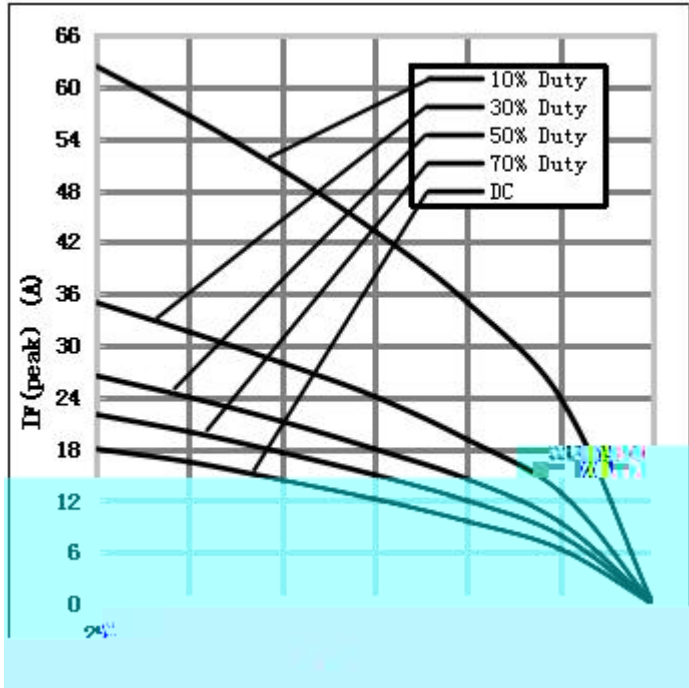


2)

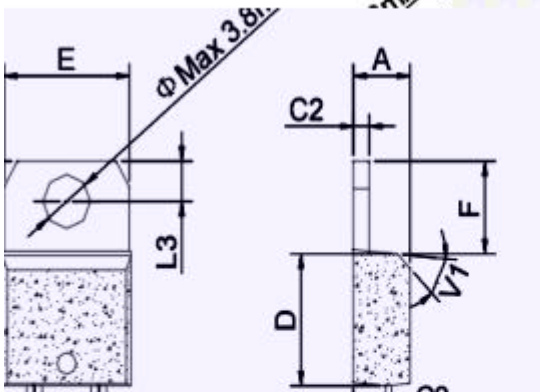
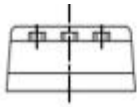
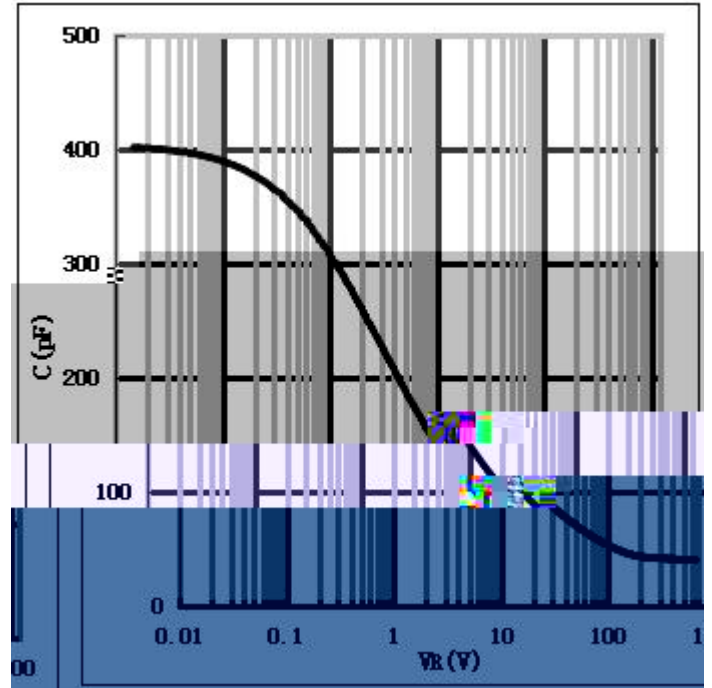
$I_R = () \quad T$



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



4) -



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		2.72	0.094		0.107
D	8.60		9.70	0.339		0.382
E	9.80		10.4	0.386		0.409

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