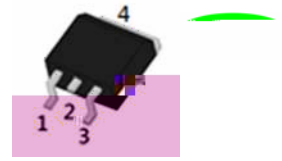




✧ Plastic package has underwriters laboratory flammability classification 94V-0



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Maximum re    ' )    I    =100

	F(AV)	15	A
Peak forward surge current:8.3ms single half sine-wave superimposed on rated load	I <sub>FSM</sub>	200	A
Junction temperature and storage temperature range	T <sub>j</sub> , T <sub>stg</sub>	-55 to +150	

(Rating at 25 ambient temperature unless otherwise specified.)

Forward voltage	I <sub>F</sub> =15A, T <sub>j</sub> =25	V <sub>F</sub>	-	-	1.7	V
Reverse current	V <sub>R</sub> =600V, T <sub>j</sub> =25	I <sub>R</sub>	-	-	5	μA
	V <sub>R</sub> =600V, T <sub>j</sub> =150		-	-	300	
Reverse recovery time	I <sub>F</sub> =0.5A, I <sub>R</sub> =1A, I <sub>rr</sub> =0.25A	t <sub>rr</sub>	-	-	35	ns



Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
A	9.90					
B	14.70					
C	8.80					
D		2.54	0.390			
E		15	800.579			
F		9.60	0.346			
G				0.100		0.-
H				0.622		
J				0.378		
K						
4	47	0.1055		0	0.- 4	0.01
85	03-	.033		0 04		054

1 75  
7- 173 A 185  
7- 091 -A 1-  
55 0.015 022

---

# (! 0 ..... 0:2 ..... \hd. ##kkk" ^^kXn" Wca  
1 17 1 37



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Ref.	Dimensions					
	Millimeters			Inches		
	Min.	Typ.	Max.	Min.	Typ.	Max.
W	23.70	24.00	24.30	0.933	0.945	0.957
E	1.65	1.75	1.85	0.065	0.069	0.073
F	11.40	11.50	11.60	0.449	0.453	0.457
D0	-	1.50	1.60	-	0.059	0.063
D1		1.50	1.60		0.059	0.063
P0	3.90	4.00	4.10	0.154	0.157	0.161
P1	15.90	16.00	16.10	0.626	0.630	0.634
P2	1.90	2.00	2.10		-	
A0	10.80	10.90	11.00			
B0	16.20	16.30	16.40			
K0	4.80	4.90	5.00			
t	0.35	0.40	0.45			



FIG.3: Maximum non-repetitive peak forward surge current

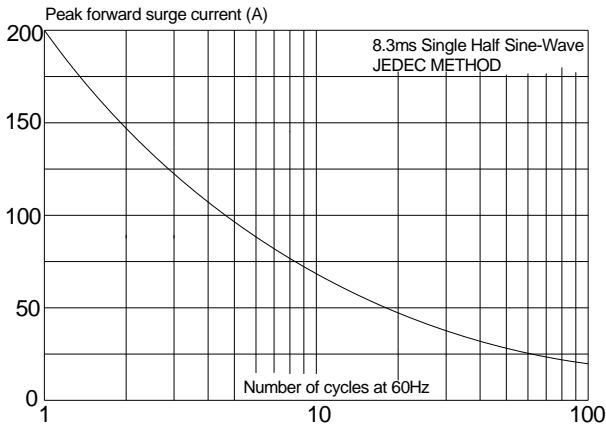
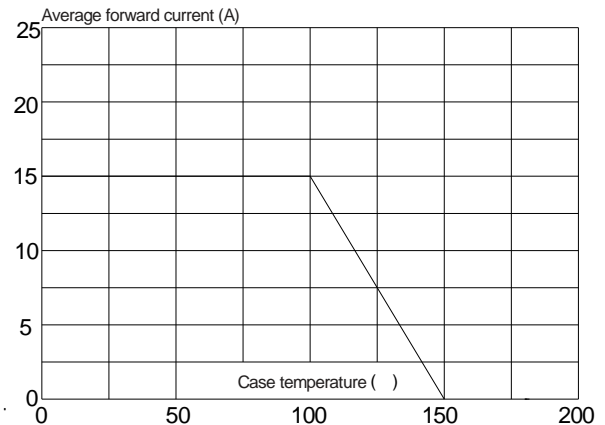


FIG.4: Forward current derating curve



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