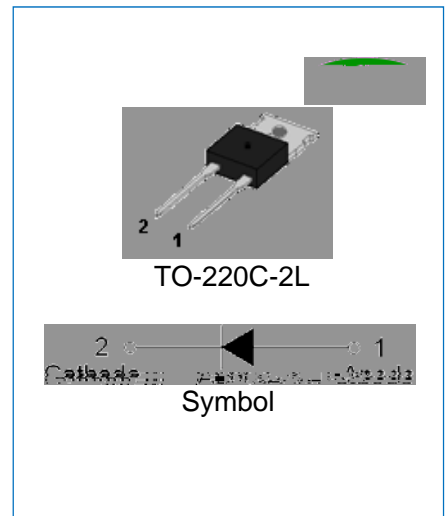




Plastic package has underwriters laboratory flammability classification 94V-0  
 Lead free in comply with EU RoHS 2011/65/EU direc `

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(Rating at 25

Maximum DC blocking voltage	$V_{DC}$	600	V
Maximum average forward current at $T_C=100$	$I_{F(AV)}$	20	A
Peak forward surge current: 8.3ms single half sine-wave superimposed on rated load	$I_{FSM}$	200	A
Peak forward surge current: 10ms single half sine-wave superimposed on rated load		180	
Junction temperature and storage temperature range	$T_j, T_{stg}$	-55 to +150	

Forward voltage	$I_F=20A, T_j=25$	$V_F$	-	-	1.5	V
Reverse current	$V_R=600V, T_j=25$	$I_R$	-	-	5	$\mu A$
	$V_R=600V, T_j=150$		-	-	300	
Reverse recovery time	$I_F=0.5A, I_R=1A, I_{rr}=0.25A$	$t_{rr}$	-	-	50	ns







FIG.3: Maximum non-repetitive peak forward surge current(8.3ms single half sine-wave)

FIG.4: Maximum non-repetitive peak forward surge current(10ms single half sine-wave)

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