(Rating at 25 case temperature unless otherwise specified.)

Forward voltage	I_F=8A,T_j=25	V_F	-	-	3.4	V
	I_F=8A,T_j=125		-	1.5	1.9	
	I_F=8A,T_j=150		-	1.4	-	
Reverse current	V_R=600V,T_j=25	I_R	-	-	5	μA
	V_R=600V,T_j=150		-	-	200	
Reverse recovery time	I_F=8A,V_R=400V, di/dt=500A/μs,T_j=25	t_{rr}	-	19	-	ns
	I_F=1A,V_R=30V, di/dt=200A/μs,T_j=25		-	12	18	
Peak reverse recovery current	I_F=8A,V_R=200V, di/dt=200A/μs,T_j=25	I_{RM}	-	-	2.2	A
	I_F=8A,V_R=200V, di/dt=200A/μs,T_j=125		-	-	6	
Recovered charge	I_F=8A,V_R=200V, di/dt=200A/μs,T_j=25	Q_r	-	17	-	nC
	I_F=8A,V_R=200V, di/dt=200A/μs,T_j=125		-	90	-	

$R_{th(j-mb)}$	Thermal resistance from junction to mounting base	-	-	2.5	/W
$R_{th(j-a)}$	Thermal resistance from junction to ambient	-	60	-	/W

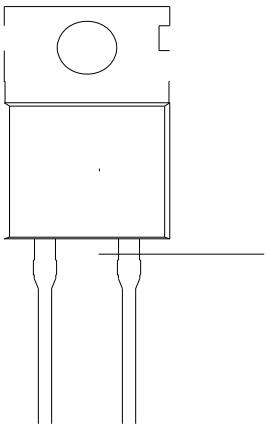

FIG.1: Typical forward characteristics

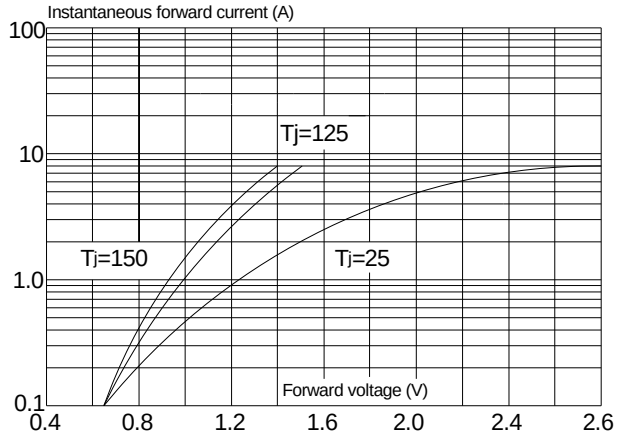

FIG.2: Typical reverse characteristics